

SERVER API Reference

API Reference for managing virtual and dedicated servers

Version 1.3
October 14, 2008

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1. Introduction

This manual describes the API commands for VSERVER management.

VSERVERs are virtual and dedicated servers where the users have root access and manage the software themselves.

The API itself is not object orientated, but object related and can be encapsulated into any OO language without much hassle.

If there are any errors or missing topics, please don't hesitate to contact us.

2. VSERVER User Relations

The relations define the operational parameters of a user and can only be modified by its superordinate users. The most important use of relations is to define the prices.

XIRCA currently supports the following relation types for VSERVERs:

Relation type	Description
PRICE_CLASS_VSERVER_CLASS_MONTHLY	The default monthly fee for vservers of the class <i>CLASS</i> , e.g. PRICE_CLASS_VSERVER_DEBIAN_5GB_MONTHLY:12.00
PRICE_CLASS_VSERVER_CLASS_MONTHLYPERIOD	The monthly fee for vservers of the class <i>CLASS</i> if period is <i>PERIOD</i> , e.g. PRICE_CLASS_VSERVER_DEBIAN_5GB_MONTHLY3:10.95
PRICE_CLASS_VSERVER_CLASS_SETUP	The setup fee for vservers of the class <i>CLASS</i> , e.g. PRICE_CLASS_VSERVER_DEBIAN_5GB_SETUP:10.00
PRICE_CLASS_VSERVER_CLASS_SETUPPERIOD	The setup fee for vservers of the class <i>CLASS</i> if period is <i>PERIOD</i> , e.g. PRICE_CLASS_VSERVER_DEBIAN_5GB_SETUP3:0.00
PRICE_CLASS_VSERVER_CLASS_TRAFFIC_GB	The fee for each additional GB Traffic, e.g.: PRICE_CLASS_VSERVER_DEBIAN_5GB_TRAFFIC_GB:0.99
PRICE_CLASS_VSERVER_CLASS_CURRENCY	currency of relations for vservers of the class <i>CLASS</i> , e.g. PRICE_CLASS_VSERVER_DEBIAN_5GB_CURRENCY:USD
VSERVER_CLASS_TRAFFIC_INCLUDED_GB	Monthly included traffic for vservers of the class <i>CLASS</i> , e.g. VSERVER_DEBIAN_5GB_TRAFFIC_INCLUDED_GB:15

The possible vserver classes are defined below. If there is no currency for a vserver class, then the system uses the users account currency instead.

Prices are calculated according to the daily exchange rate of the ECB (European Central Bank, www.ecb.int), if the vserver relation currency and user account currency are different!

Notes

- **IMPORTANT:** 1 month = 30.5 days (30.5 * 24 * 3600 seconds)

2.1. VSERVER classes

The XIRCA System currently supports the following VSERVER classes:

VSERVER Class	Description
VSERVER_DISCOUNT	Virtual Private Server (VPS): 5 GB HD, 50 GB Traffic
VSERVER_ENTRY	Virtual Private Server (VPS): Hostsystem: >= Dual Xeon 3.06 GHz, 4 GB RAM CPU 100%, 100 MB RAM, 1,5 GB HD, 25 GB Traffic
VSERVER_ENTRY_PRO	Virtual Private Server (VPS): Hostsystem: >= Dual Xeon 3.06 GHz, 4 GB RAM CPU 100%, 100 MB RAM, 4 GB HD, 150 GB Traffic
VSERVER_PREMIUM	Virtual Private Server (VPS): Hostsystem: >= Dual Xeon 3.06 GHz, 4 GB RAM CPU 200%, 196 MB RAM, 4 GB HD, 50 GB Traffic
VSERVER_PREMIUM_PRO	Virtual Private Server (VPS): Hostsystem: >= Dual Xeon 3.06 GHz, 4 GB RAM CPU 200%, 196 MB RAM, 8 GB HD, 300 GB Traffic
VSERVER_PLATINUM	Virtual Private Server (VPS): Hostsystem: >= Dual Xeon 3.06 GHz, 4 GB RAM CPU 300%, 260 MB RAM, 10 GB HD, 100 GB Traffic
VSERVER_PLATINUM_PRO	Virtual Private Server (VPS): Hostsystem: >= Dual Xeon 3.06 GHz, 4 GB RAM CPU 300%, 260 MB RAM, 12 GB HD, 500 GB Traffic
VSERVER_WINDOWS_ENTRY	Virtual Dedicated Server (VDS): CPU 600 MHz, 512 MB RAM, 8 GB HD, 500 GB Traffic
VSERVER_WINDOWS_PREMIUM	Virtual Dedicated Server (VDS): CPU 1200 MHz, 1024 MB RAM, 10 GB HD, 1000 GB Traffic
VSERVER_WINDOWS_PLATINUM	Virtual Dedicated Server (VDS): CPU 1800 MHz, 1536 MB RAM, 15 GB HD, 1500 GB Traffic
DSERVER_VDS_ENTRY	Virtual Dedicated Server (VDS): Hostsystem: >= Dual Xeon 3.06 GHz, 4 GB RAM CPU 1000 MHz, 512 MB (1536 MB burstable), 20 GB HD, 250 GB Traffic
DSERVER_VDS_PREMIUM	Virtual Dedicated Server (VDS): Hostsystem: >= Dual Xeon 3.06 GHz, 4 GB RAM CPU 1500 MHz, 768 MB (2304 MB burstable), 40 GB HD, 500 GB Traffic
DSERVER_VDS_PLATINUM	Virtual Dedicated Server (VDS): Hostsystem: >= Dual Xeon 3.06 GHz, 4 GB RAM CPU 2000 MHz, 1024 MB (3072 MB burstable), 60 GB HD, 750 GB Traffic
DSERVER_ENTRY	Dedicated Server: CPU Intel Celeron 2400, 512 MB RAM, 80 GB HD, 4000 GB Traffic
DSERVER_ENTRY_NG	Dedicated Server: AMD 64Bit 3200+, 512 MB RAM, 2 x 80 GB HD, 1000 GB Traffic

VSERVER Class	Description
DSERVER_ADVANCED_NG	Dedicated Server: AMD Opteron 146, 1024 MB, 2 x 160 GB HD, unlimited Traffic
DSERVER_EXPERT_NG	Dedicated Server: AMD Opteron 148, 2048 MB, 2 x 160 GB HD, unlimited Traffic

2.2. VSERVER Descriptions

2.2.1. Virtual Private Servers (VPS)

VSERVER Class: VSERVER_DISCOUNT	
Location	Nürnberg/Germany
Backbone	5x 1 Gbit/s over Hetzner, Norris, DTAG
Datacenter	Air conditioned, UPS, Network Operation Center
Hostsystem CPU	At least Athlon XP 2200+
Hostsystem RAM	At least 1024 MB
VServer/Host	28 vserver/host
Harddisk	5 GB
BackupSpace	2 GB
Installed OS	Debian Woody stable
Vserver-Software	CTX
Additional Software:	Apache, PHP, Perl, mySQL, postfix, webmin, syscp
Traffic included per month	25 GB
IP-Addresses	1
Traffic-Limit	possible (in Kbytes)
Reset	yes
Recreate	yes

VSERVER Class: VSERVER_ENTRY	
Location	IXEurope Düsseldorf
Backbone	IXEurope Düsseldorf
Datacenter	Air conditioned, UPS, Network Operation Center
Hostsystem CPU	At Intel Ceon 3.0 Ghz dual
Hostsystem RAM	At least 4 GB
VServer/Host	/
RAM	At least 100 MB
Harddisk	1,5 GB
BackupSpace	Daily Backup with restore option for 15 days
/	
Installed OS	Debian Sarge + Confixx, Debian Sarge minimal, SuSE 8.2, SuSE 9.3, SuSE 10, Fedora Core 1, Fedora Core 2, Fedora Core 4, RedHat 9
Vserver-Software	Virtuozzo (SWSOft)
Additional Software:	Confixx (Debian) available
Traffic included per month	25 GB
IP-Addresses	1 (additional IP addresses without limit)
Traffic-Limit	/
Reset	yes
Recreate	yes

VSERVER Class: VSERVER_ENTRY_PRO	
Location	IXEurope Düsseldorf
Backbone	IXEurope Düsseldorf
Datacenter	Air conditioned, UPS, Network Operation Center
Hostsystem CPU	At Intel Ceon 3.0 Ghz dual
Hostsystem RAM	At least 4 GB
VServer/Host	/
RAM	At least 100 MB
Harddisk	4 GB
BackupSpace	Daily Backup with restore option for 15 days
/	
Installed OS	Debian Sarge + Confixx, Debian Sarge minimal, SuSE 8.2, SuSE 9.3, SuSE 10, Fedora Core 1, Fedora Core 2, Fedora Core 4, RedHat 9
Vserver-Software	Virtuozzo (SWSOft)
Additional Software:	Confixx (Debian) available
Traffic included per month	150 GB
IP-Addresses	1 (additional IP addresses without limit)
Traffic-Limit	/
Reset	yes
Recreate	yes

VSERVER Class: VSERVER_PREMIUM	
Location	IXEurope Düsseldorf
Backbone	IXEurope Düsseldorf
Datacenter	Air conditioned, UPS, Network Operation Center
Hostsystem CPU	At Intel Ceon 3.0 Ghz dual
Hostsystem RAM	At least 4 GB
VServer/Host	/
RAM	At least 196 MB
Harddisk	4 GB
BackupSpace	Daily Backup with restore option for 15 days
/	
Installed OS	Debian Sarge + Confixx, Debian Sarge minimal, SuSE 8.2, SuSE 9.3, SuSE 10, Fedora Core 1, Fedora Core 2, Fedora Core 4, RedHat 9
Vserver-Software	Virtuozzo (SWSOft)
Additional Software:	Confixx (Debian) available
Traffic included per month	50 GB
IP-Addresses	1 (additional IP addresses without limit)
Traffic-Limit	/
Reset	yes
Recreate	Yes

VSERVER Class: VSERVER_PREMIUM_PRO	
Location	IXEurope Düsseldorf
Backbone	IXEurope Düsseldorf
Datacenter	Air conditioned, UPS, Network Operation Center
Hostsystem CPU	At Intel Ceon 3.0 Ghz dual
Hostsystem RAM	At least 4 GB
VServer/Host	/
RAM	At least 196 MB
Harddisk	8 GB
BackupSpace	Daily Backup with restore option for 15 days
/	
Installed OS	Debian Sarge + Confixx, Debian Sarge minimal, SuSE 8.2, SuSE 9.3, SuSE 10, Fedora Core 1, Fedora Core 2, Fedora Core 4, RedHat 9
Vserver-Software	Virtuozzo (SWSOft)
Additional Software:	Confixx (Debian) available
Traffic included per month	300 GB
IP-Addresses	1 (additional IP addresses without limit)
Traffic-Limit	/
Reset	yes
Recreate	yes

VSERVER Class: VSERVER_PLATINUM	
Location	IXEurope Düsseldorf
Backbone	IXEurope Düsseldorf
Datacenter	Air conditioned, UPS, Network Operation Center
Hostsystem CPU	At Intel Ceon 3.0 Ghz dual
Hostsystem RAM	At least 4 GB
VServer/Host	/
RAM	At least 260 MB
Harddisk	10 GB
BackupSpace	Daily Backup with restore option for 15 days
/	
Installed OS	Debian Sarge + Confixx, Debian Sarge minimal, SuSE 8.2, SuSE 9.3, SuSE 10, Fedora Core 1, Fedora Core 2, Fedora Core 4, RedHat 9
Vserver-Software	Virtuozzo (SWSOft)
Additional Software:	Confixx (Debian) available
Traffic included per month	100 GB
IP-Addresses	1 (additional IP addresses without limit)
Traffic-Limit	/
Reset	yes
Recreate	yes

2.2.2. Virtual dedicated servers (VDS)

VSERVER Class: DSERVER_VDS_ENTRY	
Location	IXEurope Düsseldorf
Backbone	IXEurope Düsseldorf
Datacenter	Air conditioned, UPS, Network Operation Center
Hostsystem CPU	At Intel Ceon 3.0 Ghz dual
Hostsystem RAM	At least 4 GB
VServer/Host	/
CPU	1000 MHz
RAM	512 MB (1536 MB burstable)
Harddisk	20 GB
BackupSpace	Daily Backup with restore option for 15 days
/	
Installed OS	Debian Sarge + Confixx, Debian Sarge minimal, SuSE 8.2, SuSE 9.3, SuSE 10, Fedora Core 1, Fedora Core 2, Fedora Core 4, RedHat 9
Vserver-Software	Virtuozzo (SWSOft)
Additional Software:	Confixx (Debian) available
Traffic included per month	250 GB
IP-Addresses	1 (additional IP addresses without limit)
Traffic-Limit	/
Reset	yes
Recreate	yes

VSERVER Class: DSERVER_VDS_PREMIUM	
Location	IXEurope Düsseldorf
Backbone	IXEurope Düsseldorf
Datacenter	Air conditioned, UPS, Network Operation Center
Hostsystem CPU	At Intel Ceon 3.0 Ghz dual
Hostsystem RAM	At least 4 GB
VServer/Host	/
CPU	1500 MHz
RAM	768 MB (2304 MB burstable)
Harddisk	40 GB
BackupSpace	Daily Backup with restore option for 15 days
/	
Installed OS	Debian Sarge + Confixx, Debian Sarge minimal, SuSE 8.2, SuSE 9.3, SuSE 10, Fedora Core 1, Fedora Core 2, Fedora Core 4, RedHat 9
Vserver-Software	Virtuozzo (SWSofT)
Additional Software:	Confixx (Debian) available
Traffic included per month	500 GB
IP-Addresses	1 (additional IP addresses without limit)
Traffic-Limit	/
Reset	yes
Recreate	yes

VSERVER Class: DSERVER_VDS_PLATINUM	
Location	IXEurope Düsseldorf
Backbone	IXEurope Düsseldorf
Datacenter	Air conditioned, UPS, Network Operation Center
Hostsystem CPU	At Intel Ceon 3.0 Ghz dual
Hostsystem RAM	At least 4 GB
VServer/Host	/
CPU	2000 MHz
RAM	1024 MB (3072 MB burstable)
Harddisk	60 GB
BackupSpace	Daily Backup with restore option for 15 days
/	
Installed OS	Debian Sarge + Confixx, Debian Sarge minimal, SuSE 8.2, SuSE 9.3, SuSE 10, Fedora Core 1, Fedora Core 2, Fedora Core 4, RedHat 9
Vserver-Software	Virtuozzo (SWSofT)
Additional Software:	Confixx (Debian) available
Traffic included per month	750 GB
IP-Addresses	1 (additional IP addresses without limit)
Traffic-Limit	/
Reset	yes
Recreate	yes

2.2.3. Dedicated servers

VSERVER Class: DSERVER_ENTRY	
Location	Hannover/Germany
Backbone	ServerService Backbone
Datacenter	Air conditioned, UPS, Network Operation Center
CPU	At least Intel Celeron 2400
RAM	512 MB
Harddisk	80 GB
Installed OS	Debian Woody stable
Additional Software:	apache, postfix, spamassasin, php, perl, mysql, pd-admin
Traffic included per month	4 TB
IP-Addresses	up to 4 Addresses
TrafficLimit	possible (25/50/75/100/250/500/1000/2000/4000 GBytes)
Reset	yes
Recreate	yes
RescueSystem	yes

VSERVER Class: DSERVER_ENTRY_NG	
Location	Hannover/Germany
Backbone	ServerService Backbone
Datacenter	Air conditioned, UPS, Network Operation Center
CPU	At least AMD 64-bit 3200+
RAM	512 MB
Harddisk	2x 80 GB
Installed OS	Debian Woody stable
Additional Software:	apache, postfix, spamassasin, php, perl, mysql, pd-admin
Traffic included per month	1 TB
IP-Addresses	up to 4 Addresses
TrafficLimit	possible (25/50/75/100/250/500/1000/2000/4000 GBytes)
Reset	yes
Recreate	yes
RescueSystem	yes

VSERVER Class: DSERVER_ADVANCED_NG	
Location	Hannover/Germany
Backbone	ServerService Backbone
Datacenter	Air conditioned, UPS, Network Operation Center
CPU	At least AMD Opteron 146
RAM	1024 MB
Harddisk	2x 160 GB
Installed OS	Debian Woody stable
Additional Software:	apache, postfix, spamassasin, php, perl, mysql, pd-admin
Traffic included per month	unlimited
IP-Addresses	up to 4 Addresses
TrafficLimit	possible (25/50/75/100/250/500/1000/2000/4000 GBytes)
Reset	yes
Recreate	yes
RescueSystem	yes

VSERVER Class: DSERVER_EXPERT_NG	
Location	Hannover/Germany
Backbone	ServerService Backbone
Datacenter	Air conditioned, UPS, Network Operation Center
CPU	At least AMD Opteron 148
RAM	2048 MB
Harddisk	2x 160 GB
Installed OS	Debian Woody stable
Additional Software:	apache, postfix, spamassasin, php, perl, mysql, pd-admin
Traffic included per month	unlimited
IP-Addresses	up to 4 Addresses
TrafficLimit	possible (25/50/75/100/250/500/1000/2000/4000 GBytes)
Reset	yes
Recreate	yes
RescueSystem	yes

2.3. VSERVER software classes

The XIRCA System currently supports the following VSERVER software classes:

VSERVER Software Class	Description	Available for VSERVER Class
LINUX_DEBIAN_3.0	Debian "Woody" 3.0 http://www.debian.org	VSERVER_DISCOUNT VSERVER_ENTRY VSERVER_ENTRY_PRO VSERVER_PREMIUM VSERVER_PREMIUM_PRO VSERVER_PLATINUM VSERVER_PLATINUM_PRO DSERVER_VDS_ENTRY DSERVER_VDS_PREMIUM DSERVER_VDS_PLATINUM
LINUX_DEBIAN_3.1	Debian "Sarge" 3.1 http://www.debian.org	VSERVER_ENTRY VSERVER_ENTRY_PRO VSERVER_PREMIUM VSERVER_PREMIUM_PRO VSERVER_PLATINUM VSERVER_PLATINUM_PRO DSERVER_VDS_ENTRY DSERVER_VDS_PREMIUM DSERVER_VDS_PLATINUM
LINUX_DEBIAN_CONFIXX_1.1	Debian "Woody" 3.0 and Confixx http://www.debian.org	VSERVER_ENTRY VSERVER_ENTRY_PRO VSERVER_PREMIUM VSERVER_PREMIUM_PRO VSERVER_PLATINUM VSERVER_PLATINUM_PRO DSERVER_VDS_ENTRY DSERVER_VDS_PREMIUM DSERVER_VDS_PLATINUM
LINUX_DEBIAN_CONFIXX_3.1	Debian "Sarge" 3.1 and Confixx http://www.debian.org	VSERVER_ENTRY VSERVER_ENTRY_PRO VSERVER_PREMIUM VSERVER_PREMIUM_PRO VSERVER_PLATINUM VSERVER_PLATINUM_PRO DSERVER_VDS_ENTRY DSERVER_VDS_PREMIUM DSERVER_VDS_PLATINUM
LINUX_DEBIAN_CONFIXX_4.0	Debian "Etch" 4.0 and Confixx http://www.debian.org	VSERVER_ENTRY VSERVER_ENTRY_PRO VSERVER_PREMIUM VSERVER_PREMIUM_PRO VSERVER_PLATINUM VSERVER_PLATINUM_PRO DSERVER_VDS_ENTRY DSERVER_VDS_PREMIUM DSERVER_VDS_PLATINUM

VSERVER Software Class	Description	Available for VSERVER Class
LINUX_FEDORA_CORE_1	Fedora Core 1 http://fedora.redhat.com	VSERVER_ENTRY VSERVER_ENTRY_PRO VSERVER_PREMIUM VSERVER_PREMIUM_PRO VSERVER_PLATINUM VSERVER_PLATINUM_PRO DSERVER_VDS_ENTRY DSERVER_VDS_PREMIUM DSERVER_VDS_PLATINUM
LINUX_FEDORA_CORE_2	Fedora Core 2 http://fedora.redhat.com	VSERVER_ENTRY VSERVER_ENTRY_PRO VSERVER_PREMIUM VSERVER_PREMIUM_PRO VSERVER_PLATINUM VSERVER_PLATINUM_PRO DSERVER_VDS_ENTRY DSERVER_VDS_PREMIUM DSERVER_VDS_PLATINUM
LINUX_FEDORA_CORE_4	Fedora Core 4 http://fedora.redhat.com	VSERVER_ENTRY VSERVER_ENTRY_PRO VSERVER_PREMIUM VSERVER_PREMIUM_PRO VSERVER_PLATINUM VSERVER_PLATINUM_PRO DSERVER_VDS_ENTRY DSERVER_VDS_PREMIUM DSERVER_VDS_PLATINUM
LINUX_REDHAT_9	Redhat 9.0 http://www.redhat.com	VSERVER_ENTRY VSERVER_ENTRY_PRO VSERVER_PREMIUM VSERVER_PREMIUM_PRO VSERVER_PLATINUM VSERVER_PLATINUM_PRO DSERVER_VDS_ENTRY DSERVER_VDS_PREMIUM DSERVER_VDS_PLATINUM
LINUX_SUSE_8.2	SuSE 8.2 http://www.suse.com	VSERVER_ENTRY VSERVER_ENTRY_PRO VSERVER_PREMIUM VSERVER_PREMIUM_PRO VSERVER_PLATINUM VSERVER_PLATINUM_PRO DSERVER_VDS_ENTRY DSERVER_VDS_PREMIUM DSERVER_VDS_PLATINUM

VSERVER Software Class	Description	Available for VSERVER Class
LINUX_SUSE_9.3	SuSE 9.3 http://www.suse.com	VSERVER_ENTRY VSERVER_ENTRY_PRO VSERVER_PREMIUM VSERVER_PREMIUM_PRO VSERVER_PLATINUM VSERVER_PLATINUM_PRO DSERVER_VDS_ENTRY DSERVER_VDS_PREMIUM DSERVER_VDS_PLATINUM
LINUX_SUSE_10	SuSE 10 http://www.suse.com	VSERVER_ENTRY VSERVER_ENTRY_PRO VSERVER_PREMIUM VSERVER_PREMIUM_PRO VSERVER_PLATINUM VSERVER_PLATINUM_PRO DSERVER_VDS_ENTRY DSERVER_VDS_PREMIUM DSERVER_VDS_PLATINUM
LINUX_DEBIAN_MINIMAL	Debian "Etch" 4.0	DSERVER_ADVANCED_NG DSERVER_ENTRY DSERVER_ENTRY_NG DSERVER_EXPERT_NG
LINUX_DEBIAN_PDADMIN	Debian "Woody" 3.0 and PD-ADMIN http://www.debian.org http://www.pdadmin.de	DSERVER_ADVANCED_NG DSERVER_ENTRY DSERVER_ENTRY_NG DSERVER_EXPERT_NG
LINUX_GENTOO	Gentoo Linux	DSERVER_ADVANCED_NG DSERVER_ENTRY DSERVER_ENTRY_NG DSERVER_EXPERT_NG
LINUX_SUSE	SuSE Linux	DSERVER_ADVANCED_NG DSERVER_ENTRY DSERVER_ENTRY_NG DSERVER_EXPERT_NG
WINDOWS_2003	Microsoft Windows Server 2003	VSERVER_WINDOWS_ENTRY VSERVER_WINDOWS_PREMIUM VSERVER_WINDOWS_PLATINUM
WINDOWS_2003_DE	Microsoft Windows Server 2003	VSERVER_WINDOWS_ENTRY VSERVER_WINDOWS_PREMIUM VSERVER_WINDOWS_PLATINUM

3. VSERVER Environment DB

There are currently no environment keys used for VSERVERs.

1.4. Commands

All VSERVER related commands can be submitted through the default XIRCA API Gateways.

4.1. VSERVER Commands

The following commands are used to create and manage vservers.

4.1.1. CreateVServer

Description

Create a new (virtual) dedicated Server. The VServer can be VPS (virtual private server), VDS (virtuel dedicated server) or (real) dedicated Server. The type of the server can be specified by the parameter *vserverclass*.

Availability

You need the relations

“*PRICE_CLASS_VSERVER_<CLASSNAME>_MONTHLY*”

and “*PRICE_CLASS_VSERVER_<CLASSNAME>_SETUP*” to perform this action.

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
vserverclass	required	Type of vserver as described in 2.1 (e.g. “VSERVER_ENTRY” or “DSERVER_ENTRY”)	TEXT
vserversoftwareclass	required	Type of software/os as describe in 2.2 (e.g. “LINUX_DEBIAN_3.0”)	TEXT
period	optional	Registration period in months, default = 1	INTEGER

Returned Properties and Values

Code	Description
200	Command completed successfully
530	Authentication failed
541	The command failed

Property	Description
VSERVERID	16 digit hex-number that uniquely identifies the vserver
VSERVERCLASS	Class as described in 2.1
VSERVERSOFTWARECLASS	Type of software/os as describe in 2.2
STATUS	Possible Status-Codes are: - ACTIVE (vServer is ready to use) - INACTIVE (vServer is "virtually shutted down") - PENDING (vServer is not created yet; there will be an event as soon as the vServer is ready; after it you can fetch the vServer data using StatusVServer)
CREATEDDATE	Date when the command CreateVServer was executed, i.e. "2003-12-23 18:11:48"
UPDATEDDATE	Date when the last action (ActivateVServer, ResetVServer, ...) was performed
EXPIRATIONDATE	Date of expiration. If a vserver is expired, it will be automatically renewed by the system.
CREATEDBY	Subuser that created the vserver
UPDATEDBY	Subuser that updated the vserver
HOSTNAME	Reverse-DNS record that the ipaddress of this vserver is linked to
IPADDRESS	IPv4-Address of the server
ROOTPASSWORD	The (initial) root-password
TRAFFICLIMIT	class "VSERVER_DISCOUNT", "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSERVER_EXPERT_NG" only: traffic limit in Kbytes; 0 or missing property means "no traffic limit"
TRAFFICLIMITTYPE	class "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSERVER_EXPERT_NG" only: traffic limit type: HARD (stop server) / SOFT (only alert)
ADMININTERFACEUSER	class "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSERVER_EXPERT_NG" only: username for the admin(web)interface
ADMININTERFACEPASSWORD	class "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSERVER_EXPERT_NG" only: password for the admin(web)interface
RESCUEPASSWORD	class "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSERVER_EXPERT_NG" only: (root-)password for the rescue system

Property	Description
BOOTOPTION	class "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSERVER_EXPERT_NG" only: BootOption (used with next Reset): <ul style="list-style-type: none"> • normal: boot kernel from network • recovery: boot rescue system • own: boot own kernel • install
ADADDRESS	class "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSERVER_EXPERT_NG" only: Array with additional IP Addresses

Notes

- The initial state of a newly created vserver is INACTIVE.
- Vservers in the following classes are not always created in real time. There will be an event as soon as they are ready to run.
 - DSERVER_ADVANCED_NG
 - DSERVER_ENTRY
 - DSERVER_ENTRY_NG
 - DSERVER_EXPERT_NG

Example

The following request creates a new vserver:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=CreateVServer&vserverclass=DEBIAN_5GB&period=3
```

The response is as follows:

```
[RESPONSE]
code = 200
description = Command completed successfully
property[CREATEDDATE][0] = 2004-02-25 18:17:45
property[VSERVERID][0] = 403CE6C81F8DDB06
property[EXPIRATIONDATE][0] = 2004-05-27 06:17:45
property[HOSTNAME][0] = vserver.hostname
property[STATUS][0] = INACTIVE
property[VSERVERCLASS][0] = DEBIAN_5GB
property[UPDATEDDATE][0] = 2004-02-25 18:17:45
property[ROOTPASSWORD][0] = jH9XX43s
property[CREATEDBY][0] = reseller.de
property[UPDATEDBY][0] = reseller.de
property[IPADDRESS][0] = 80.190.199.207
EOF
```

4.1.2. QueryVServerList

Description

The command queries a list of vservers.

Availability

No limitations

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
wide	optional	if value is "1": give verbose output; more properties	INTEGER

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
VSERVERID	1	N	The vserver ID
COUNT	1	1	The number of entries returned
FIRST	1	1	The index of the first entry
LAST	1	1	The index of the last entry
LIMIT	1	1	The query limit (max. number of entries returned)
TOTAL	1	1	The total number of entries found

4.1.3. StatusVServer

Description

Queries the status of an existing vserver (i.e. whether it is active or inactive) and get some information about it (i.e. its IP-Address, hostname, ...)

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
vserverid	required	The 16 digit unique ID that identifies a vserver	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
530	Authentication failed
541	The command failed

Property	Description
VSERVERID	16 digit hex-number that uniquely identifies the vserver
VSERVERCLASS	Class as described in 2.1
VSERVERSOFTWARECLASS	Class as described in 2.2
STATUS	Possible Status-Codes are: - ACTIVE (vServer is ready to use) - INACTIVE (vServer is "virtually shutted down") - PENDING (An action is pending (e.g. Reboot) or vServer is not created yet)
CREATEDDATE	Date when the command CreateVServer was executed, i.e. "2003-12-23 18:11:48"
UPDATEDDATE	Date when the last action (ActivateVServer, ResetVServer, ...) was performed
EXPIRATIONDATE	Date of expiration. If a vserver is expired, it will be automatically renewed by the system.
CREATEDBY	Subuser that created the vserver
UPDATEDBY	Subuser that updated the vserver
HOSTNAME	Reverse-DNS record that the ipaddress of this vserver is linked to
IPADDRESS	IPv4-Address of the server
ROOTPASSWORD	The (initial) root-password

Property	Description
TRAFFICLIMIT	class "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSEVER_EXPERT_NG", "VSERVER_DISCOUNT" only: traffic limit in Kbytes; 0 or missing property means "no traffic limit"
TRAFFICLIMITTYPE	class "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSEVER_EXPERT_NG" only: traffic limit type (hard/soft)
CHECKICMPRESULT	Shows the result of the ICMP check, may be "OK" or "ERROR"
CHECKICMPLASTCHECK	Shows the date of the last ICMP check
CHECKICMP	Shows the status of the ICMP check, may be "ACTIVE" or "INACTIVE"
ADMININTERFACEUSER	class "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSEVER_EXPERT_NG" only: username for the admin(web)interface
ADMININTERFACEPASSWORD	class "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSEVER_EXPERT_NG" only: password for the admin(web)interface
RESCUEPASSWORD	class "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSEVER_EXPERT_NG" only: (root-)password for the rescue system
BOOTOPTION	class "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSEVER_EXPERT_NG" only: BootOption (used with next Reset): <ul style="list-style-type: none"> • normal: boot kernel from network • recovery: boot rescue system • own: boot own kernel • install
ADADDRESS	class "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSEVER_EXPERT_NG" only: Array with additional IP Addresses

Example

The following request queries the status of a vserver:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=StatusVServer&vserverid=403CE6C81F8DDB06
```

The response is as follows:

```
[RESPONSE]
code = 200
description = Command completed successfully
property[CREATEDDATE][0] = 2004-02-25 18:17:45
property[VSERVERID][0] = 403CE6C81F8DDB06
property[EXPIRATIONDATE][0] = 2004-05-27 06:17:45
property[HOSTNAME][0] = vserver.hostname
property[STATUS][0] = INACTIVE
property[VSERVERCLASS][0] = DEBIAN_5GB
property[UPDATEDDATE][0] = 2004-02-25 18:17:45
property[ROOTPASSWORD][0] = jH9XX43s
property[CREATEDBY][0] = reseller.de
property[UPDATEDBY][0] = reseller.de
property[IPADDRESS][0] = 80.190.199.207
EOF
```

4.1.4. QueryVServerBackspace

Description

Queries the status of the vserver backspace and get some information about it (i.e. its IP-Address, hostname, login, password, ...)

Availability

Only for classes "VSERVER_DISCOUNT", "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSERVER_EXPERT_NG"

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
vserverid	required	The 16 digit unique ID that identifies a vserver	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
530	Authentication failed
541	The command failed

Property	Description
VSERVERID	16 digit hex-number that uniquely identifies the vserver
IP	Ipv4-Address of the backup server
SERVER	class "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSERVER_EXPERT_NG" only: Hostname of the backup server
LOGIN	Login for the backup space
PASSWORD	Password for the backup space

Notes

- for class "VSERVER_DISCOUNT":
You can reach your backspace from vserver via FTP.
- for classes "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSERVER_EXPERT_NG":
You need a special software to backup and restore.

4.1.5. ActivateVServer

Description

Activates a “virtual shutted-down” vserver.

The ActivateVServer-Command needs approx 60sec to complete. During this time the status of the vserver is “PENDING ACTIVATION”.

Availability

Command only available for classes “VSERVER_DISCOUNT”, “VSERVER_ENTRY”, “VSERVER_ENTRY_PRO”, “VSERVER_PREMIUM”, “VSERVER_PREMIUM_PRO”, “VSERVER_PLATINUM”, “VSERVER_PLATINUM_PRO”, “DSERVER_VDS_ENTRY”, “DSERVER_VDS_PREMIUM”, “DSERVER_VDS_PLATINUM”.

The vserver must be *INACTIVE* to perform this action.

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
vserverid	required	The 16 digit unique ID that identifies a vserver	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
no properties are returned	

Example

The following request activates a vserver:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=ActivateVServer&vserverid=403CE6C81F8DDB06
```

The response is as follows:

```
[RESPONSE]
code = 200
description = Command completed successfully
EOF
```

4.1.6. DeactivateVServer

Description

Deactivates a running vserver. When deactivated a vserver behaves like a dedicated server that is powered down. This command is usefull to stop all activity immediately, i.e. when a vserver was hacked. Also some other commands (RecreateVServer) recommend, that the vserver is in INACTIVE state before. The DeactivateVServer-command needs approx 60sec to complete. During this time the status of the vserver is "PENDING DEACTIVATION".

Availability

Command only available for class classes "VSERVER_DISCOUNT", "VSERVER_ENTRY", "VSERVER_ENTRY_PRO", "VSERVER_PREMIUM", "VSERVER_PREMIUM_PRO", "VSERVER_PLATINUM", "VSERVER_PLATINUM_PRO", "DSERVER_VDS_ENTRY", "DSERVER_VDS_PREMIUM", "DSERVER_VDS_PLATINUM".

The vserver must be *ACTIVE* to perform this action

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
vserverid	required	The 16 digit unique ID that identifies a vserver	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
no properties are returned	

Example

The following request deactivates a vserver:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=DeactivateVServer&vserverid=403CE6C81F8DDB06
```

The response is as follows:

```
[RESPONSE]
code = 200
description = Command completed successfully
EOF
```


4.1.7. ResetVServer

Description

Reboots a vserver if it is due to suspended processes not responding anymore.

The ResetVServer-command needs approx 60sec to complete.

For class “VSERVER_DISCOUNT”, “VSERVER_ENTRY”, “VSERVER_ENTRY_PRO”, “VSERVER_PREMIUM”, “VSERVER_PREMIUM_PRO”, “VSERVER_PLATINUM”, “VSERVER_PLATINUM_PRO”, “DSEVER_VDS_ENTRY”, “DSEVER_VDS_PREMIUM”, “DSEVER_VDS_PLATINUM”: During reboot the status of the vserver is “PENDING REBOOT”.

Availability

No limitation

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
vserverid	required	The 16 digit unique ID that identifies a vserver	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
no properties are returned	

Example

The following request performs a reset of a vserver:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=ResetVServer&vserverid=403CE6C81F8DDB06
```

The response is as follows:

```
[RESPONSE]
code = 200
description = Command completed successfully
EOF
```

4.1.8. RecreateVServer

Description

Rebuild a vserver's initial state. After the recreation process, the rootpassword (that might have been changed in between by the user) gets resetted to the initial one that can be retrieved with the StatusVServer-command.

ATTENTION: All data on the vserver will be lost.

The RecreateVServer-Command needs up to 24 hours to complete under certain conditions. During this time the status of the vserver is "PENDING RECREATION".

Availability

The vserver must be *INACTIVE* to perform this action

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
vserverid	required	The 16 digit unique ID that identifies a vserver	TEXT
newpasswd	optional	class "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSERVER_EXPERT_NG": if has value "1": set new password	INTEGER
vserversoftwareclass	optional	Class "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSERVER_EXPERT_NG": Install new OS: Software Class as described in 2.2	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
no properties are returned	

Example

The following request performs a recreation process to a vserver:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=RecreateVServer&vserverid=403CE6C81F8DDB06
```

The response is as follows:

```
[RESPONSE]
code = 200
description = Command completed successfully
EOF
```

4.1.9. DeleteVServer

Description

The command deletes a vserver.

ATTENTION: All data on the vserver will be lost.

Availability

The vserver must be *INACTIVE* to perform this action.

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
vserverid	required	The 16 digit unique ID that identifies a vserver	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
no properties are returned	

Example

The following request deletes a vserver:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=DeleteVServer&vserverid=403CE6C81F8DDB06
```

The response is as follows:

```
[RESPONSE]
code = 200
description = Command completed successfully
EOF
```

4.1.10. QueryVServerTraffic

Description

The command queries the network traffic that a vserver consumed during a selectable time period.

Availability

No limitations

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
vserverid	required	The 16 digit unique ID that identifies a vserver	TEXT
mindate	optional	First date to be returned	DATETIME
maxdate	optional	Last date to be returned	DATETIME

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
SUMTRAFFICIN	1	1	Sum of all incoming traffic in the period between MINDATE and MAXDATE
TRAFFICTOTAL	1	N	TRAFFICIN + TRAFFICOUT at the assigned date
SUMTRAFFICTOTAL	1	1	SUMTRAFFICIN + SUMTRAFFICOUT in the period between MINDATE and MAXDATE
DATE	1	N	The assigned dateTIME
TRAFFICOUT	1	N	Outgoing traffic at the assigned date
MAXDATE	1	1	Last date to be returned
SUMTRAFFICOUT	1	1	Sum of all outgoing traffic in the period between MINDATE and MAXDATE
TRAFFICIN	1	N	Incoming traffic at the assigned date
MINDATE	1	1	First date to be returned

Notes

- All traffic-values are returned in kB (Kilobytes)

Example

The following request queries the consumed traffic [in kB] of a vserver between 2004-02-20 and 2004-02-23:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=QueryVServerTraffic&vserverid=403CE6C81F8DDB06&mindate=2004-02-20&maxdate=2004-02-23
```

The response is as follows:

```
[RESPONSE]
code = 200
description=Command completed successfully
property[SUMTRAFFICIN][0] = 193
property[TRAFFICTOTAL][0] = 163
property[TRAFFICTOTAL][1] = 194
property[TRAFFICTOTAL][2] = 194
property[TRAFFICTOTAL][3] = 121
property[SUMTRAFFICTOTAL][0] = 672
property[PREVDATE][0] = 2004-01-20 12:00:00
property[DATE][0] = 2004-02-20
property[DATE][1] = 2004-02-21
property[DATE][2] = 2004-02-22
property[DATE][3] = 2004-02-23
property[TRAFFICOUT][0] = 112
property[TRAFFICOUT][1] = 143
property[TRAFFICOUT][2] = 143
property[TRAFFICOUT][3] = 81
property[MAXDATE][0] = 2004-02-23 23:59:59
property[SUMTRAFFICOUT] = 479
property[TRAFFICIN][0] = 51
property[TRAFFICIN][1] = 51
property[TRAFFICIN][2] = 51
property[TRAFFICIN][3] = 40
property[MINDATE][0] = 2004-02-20 00:00:00
EOF
```

4.1.11. ResetVServerRootPassword

Description

The command resets the rootpassword of a vserver to that one, that was initially set when the vserver was created. The command needs approx. 60 sec to complete. During this time, the status of the vserver is "PENDING RESETRootPASSWORD".

Availability

Only available for class "VSERVER_DISCOUNT".

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
vserverid	required	The 16 digit unique ID that identifies a vserver	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
no properties are returned	

Example

The following request resets the rootpassword of a vserver:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=ResetVServerRootPassword&vserverid=403CE6C81F8DDB06
```

The response is as follows:

```
[RESPONSE]
code = 200
description=Command completed successfully
EOF
```

4.1.12. RemoveVServerFirewall

Description

The command flushes the firewall ruleset of a vserver. This is useful when a user “locked himself out” by setting wrong rules and can’t get access to his vserver anymore.

The command needs approx. 60 sec to complete. During this time, the status of the vserver is “PENDING REMOVE FIREWALL”.

Availability

Only available for class “VSERVER_DISCOUNT”.

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
vserverid	required	The 16 digit unique ID that identifies a vserver	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
no properties are returned	

Example

The following request removes the firewall ruleset of a vserver:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=RemoveVServerFirewall&vserverid=403CE6C81F8DDB06
```

The response is as follows:

```
[RESPONSE]
code = 200
description=Command completed successfully
EOF
```


4.1.13. SetVServerLocalDomain

Description

The command sets the domain-part of a vserver's hostname. The default hostname of a vserver is "mXXsYY.vip-server.net" (i.e. "m39s14.vip-server.net"). You might wish to change the predefined domain-part "vip-server.net" to your own domainname in order to offer a vserver to your customers as if it was your "own" product.

Availability

Only available for class "VSERVER_DISCOUNT".

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
vserverid	required	The 16 digit unique ID that identifies a vserver	TEXT
domain	required	Desired domain-part	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
no properties are returned	

Notes

- You need to perform a RecreateVServer in order to make the changes taking effect.

Example

The following request changes the domain-part to "yet-another-isp.de":

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=SetVServerLocalDomain&vserverid=403CE6C81F8DDB06&domain=yet-another-isp.de
```

The response is as follows:

```
[RESPONSE]
code = 200
description=Command completed successfully
EOF
```

4.1.13. SetVServerReverseDNS

Description

The command links the IP-address of a vserver to a desired domainname (reverse-lookup).

Availability

No limitations

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
vserverid	required	The 16 digit unique ID that identifies a vserver	TEXT
hostname	required	Desired domainname	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
no properties are returned	

Notes

- The “real” hostname of the vserver is not affected by this command. The command just sets a new (or updates an existing) PTR-record for the IP that is assignet to the vserver.

Example

The following request changes the reverse-lookup-entry of a vserver to “testvserver.resellername.net”:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=SetVServerReverseDNS&vserverid=403CE6C81F8DDB06&hostname=testvserver.resellername.net
```

The response is as follows:

```
[RESPONSE]
code = 200
description=Command completed successfully
EOF
```

4.1.14. SetVServerTrafficLimit

Description

The command set the traffic limit of a vserver. If the traffic limit is reached, the vserver will be deactivated. No more traffic can be caused.

Availability

No limitations

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
vserverid	required	The 16 digit unique ID that identifies a vserver	TEXT
trafficlimit	optional	<p>If this parameter is missing, the traffic limit will be disabled.</p> <p>If this parameter is given, the traffic limit will be set (in Kbytes).</p> <p>Exception "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSERVER_EXPERT_NG": Only the following values are allowed: 25/50/75/100/250/500/1000/2000/4000 The value specifies the traffic limit in Gbytes.</p>	INTEGER

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
no properties are returned	

Example

The following request set the traffic limit to 100.000 KBytes:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=SetVServerTrafficLimit&vserverid=403CE6C81F8DDB06&trafficlimit=100000
```

The response is as follows:

```
[RESPONSE]
code = 200
description=Command completed successfully
EOF
```

4.1.15. SetVServerTrafficLimitType

Description

The command set the type of the traffic limit. Hard- and Softlimit are possible.

Availability

Command only available for class "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSERVER_EXPERT_NG".

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
vserverid	required	The 16 digit unique ID that identifies a vserver	TEXT
trafficlimittype	required	HARD - hard limit SOFT - soft limit	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
no properties are returned	

Example

The following request set the traffic limit type to HARD limit:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=SetVServerTrafficLimitType&vserverid=403CE6C81F8DDB06&trafficlimittype=HARD
```

The response is as follows:

```
[RESPONSE]
code = 200
description=Command completed successfully
EOF
```

4.1.16. SetVServerBootOption

Description

The command set the boot option of a vserver. The boot option is with the “ResetVServer” command.

Availability

Command only available for classes “VSERVER_ENTRY”, “VSERVER_ENTRY_PRO”, “VSERVER_PREMIUM”, “VSERVER_PREMIUM_PRO”, “VSERVER_PLATINUM”, “VSERVER_PLATINUM_PRO”, “DSERVER_VDS_ENTRY”, “DSERVER_VDS_PREMIUM”, “DSERVER_VDS_PLATINUM”, “DSERVER_ADVANCED_NG”, “DSERVER_ENTRY”, “DSERVER_ENTRY_NG”, “DSERVER_EXPERT_NG”.

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
vserverid	required	The 16 digit unique ID that identifies a vserver	TEXT
bootoption	required	<ul style="list-style-type: none"> normal: boot kernel from network recovery: boot RescueSystem own: boot own kernel (only available for classes “DSERVER_ADVANCED_NG”, “DSERVER_ENTRY”, “DSERVER_ENTRY_NG”, “DSERVER_EXPERT_NG”) 	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
no properties are returned	

Example

The following request set the boot option (for next reset) to “normal”:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=SetVServerBootOption&vserverid=403CE6C81F8DDB06&bootoption=normal
```

The response is as follows:

```
[RESPONSE]
code = 200
description=Command completed successfully
EOF
```

4.1.17. AddVServerIpAddress

Description

The command requests a new ip address for a vserver. The additional ip addresses are shown in the the "ADADDRESS" property of the "StatusVServer" command.

For classes "DSEVER_ADVANCED_NG", "DSEVER_ENTRY", "DSEVER_ENTRY_NG", "DSEVER_EXPERT_NG": 4 new ip addresses can be ordered calling this command.

For class "VSERVER_ENTRY", "VSERVER_ENTRY_PRO", "VSERVER_PREMIUM", "VSERVER_PREMIUM_PRO", "VSERVER_PLATINUM", "VSERVER_PLATINUM_PRO", "DSEVER_VDS_ENTRY", "DSEVER_VDS_PREMIUM", "DSEVER_VDS_PLATINUM": 1 new ip address is ordered by calling this command.

Availability

Command only available for classes "VSERVER_ENTRY", "VSERVER_ENTRY_PRO", "VSERVER_PREMIUM", "VSERVER_PREMIUM_PRO", "VSERVER_PLATINUM", "VSERVER_PLATINUM_PRO", "DSEVER_VDS_ENTRY", "DSEVER_VDS_PREMIUM", "DSEVER_VDS_PLATINUM", "DSEVER_ADVANCED_NG", "DSEVER_ENTRY", "DSEVER_ENTRY_NG", "DSEVER_EXPERT_NG".

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
vserverid	required	The 16 digit unique ID that identifies a vserver	TEXT
hostname	optional	sets the reverse DNS entry for the new IP address	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
no properties are returned	

Example

The following request set the boot option (for next reset) to "normal":

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=AddVServerIpAddress&vserverid=403CE6C81F8DDB06
```


The response is as follows:

```
[RESPONSE]
code = 200
description=Command completed successfully
```

4.1.18. RemoveVServerIPAddress

Description

The command removes an additional ip address from a vserver.

Availability

Command only available for classes "VSERVER_ENTRY", "VSERVER_ENTRY_PRO", "VSERVER_PREMIUM", "VSERVER_PREMIUM_PRO", "VSERVER_PLATINUM", "VSERVER_PLATINUM_PRO", "DSERVER_VDS_ENTRY", "DSERVER_VDS_PREMIUM", "DSERVER_VDS_PLATINUM", "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSERVER_EXPERT_NG".

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
vserverid	required	The 16 digit unique ID that identifies a vserver	TEXT
address	required	Additional IP address to be removed	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
no properties are returned	

4.1.19. QueryVServerBackupList

Description

If backup function for the vserver is not yet activated, this command activates it.

If backup function for the vserver is already activated and backups were made, this command give a list of all backups that are available to restore.

Availability

Command only available for classes "VSERVER_ENTRY", "VSERVER_ENTRY_PRO", "VSERVER_PREMIUM", "VSERVER_PREMIUM_PRO", "VSERVER_PLATINUM", "VSERVER_PLATINUM_PRO", "DSERVER_VDS_ENTRY", "DSERVER_VDS_PREMIUM", "DSERVER_VDS_PLATINUM".

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
vserverid	required	The 16 digit unique ID that identifies a vserver	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
VSERVERID	1	1	vserver ID
BACKUPID	1	N	ID of Backup (necessary for RestoreVServerBackup command)
BACKUPDATE	1	1	Date of Backup
BACKUPTYPE	1	N	Type of Backup: FULL or INCREMENTAL
BACKUPSIZE	1	N	Size of backup in bytes

Example

The following request set the boot option (for next reset) to "normal":

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=QueryVServerBackupList&vserverid=403CE6C81F8DDB06
```

The response is as follows:

```
[RESPONSE]
code = 200
description=Command completed successfully
PROPERTY[VSERVERID][0]=439A9D79573310BD
PROPERTY[BACKUPDATE][0]=2006-05-26 05:38:29
PROPERTY[BACKUPDATE][1]=2006-05-27 03:37:24
PROPERTY[BACKUPDATE][2]=2006-05-30 06:01:06
PROPERTY[BACKUPDATE][3]=2006-05-31 03:28:52
PROPERTY[BACKUPTYPE][0]=INCREMENTAL
PROPERTY[BACKUPTYPE][1]=INCREMENTAL
PROPERTY[BACKUPTYPE][2]=INCREMENTAL
PROPERTY[BACKUPTYPE][3]=INCREMENTAL
PROPERTY[BACKUPID][0]=98244721
PROPERTY[BACKUPID][1]=98244722
PROPERTY[BACKUPID][2]=98244723
PROPERTY[BACKUPID][3]=98244724
PROPERTY[BACKUPSIZE][0]=9612901
PROPERTY[BACKUPSIZE][1]=10419279
PROPERTY[BACKUPSIZE][2]=11465532
PROPERTY[BACKUPSIZE][3]=9171440
EOF
```

4.1.20. RestoreVServerBackup

Description

Restore a backup. For the classes "VSERVER_ENTRY", "VSERVER_ENTRY_PRO", "VSERVER_PREMIUM", "VSERVER_PREMIUM_PRO", "VSERVER_PLATINUM", "VSERVER_PLATINUM_PRO", "DSERVER_VDS_ENTRY", "DSERVER_VDS_PREMIUM", "DSERVER_VDS_PLATINUM":

The Server is backed up daily. The function *QueryVServerBackupList* activates the backup initially and shows a list of all available backups. Backups are archived for 15 days and can be restored during this time.

ATTENTION: All data on the vserver will be lost.

Availability

Command only available for classes "VSERVER_ENTRY", "VSERVER_ENTRY_PRO", "VSERVER_PREMIUM", "VSERVER_PREMIUM_PRO", "VSERVER_PLATINUM", "VSERVER_PLATINUM_PRO", "DSERVER_VDS_ENTRY", "DSERVER_VDS_PREMIUM", "DSERVER_VDS_PLATINUM".

The vserver must be *INACTIVE* to perform this action

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
vserverid	required	The 16 digit unique ID that identifies a vserver	TEXT
backupid	required	The backup ID (from command QueryVServerBackupList)	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
no properties are returned	

4.1.21. SetVServerSoftwareClass

Description

Install new OS (software class) on server.

ATTENTION: All data on the vserver will be lost.

Availability

Command only available for classes "VSERVER_ENTRY", "VSERVER_ENTRY_PRO", "VSERVER_PREMIUM", "VSERVER_PREMIUM_PRO", "VSERVER_PLATINUM", "VSERVER_PLATINUM_PRO", "DSERVER_VDS_ENTRY", "DSERVER_VDS_PREMIUM", "DSERVER_VDS_PLATINUM", "DSERVER_ADVANCED_NG", "DSERVER_ENTRY", "DSERVER_ENTRY_NG", "DSERVER_EXPERT_NG".

The vserver must be *INACTIVE* to perform this action

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
softwareclass	required	New OS to be installed. Software Class as described in 2.2	TEXT
vserverid	required	The 16 digit unique ID that identifies a vserver	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
no properties are returned	

4.1.22. ModifyVServer

Description

Activates additional functions of the server.

Availability

Command only available for the server classes "VSERVER_ENTRY", "VSERVER_ENTRY_PRO", "VSERVER_PREMIUM", "VSERVER_PREMIUM_PRO", "VSERVER_PLATINUM", "VSERVER_PLATINUM_PRO", "DSERVER_VDS_ENTRY", "DSERVER_VDS_PREMIUM", "DSERVER_VDS_PLATINUM", "VSERVER_WINDOWS_ENTRY", "VSERVER_WINDOWS_PREMIUM", "VSERVER_WINDOWS_PLATINUM", "DSERVER_HQ_L1", "DSERVER_HQ_L2", "DSERVER_HQ_L3".

Input Parameters

submit the request using the following syntax:

```
http://api.xirca.hexonet.net/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
vserverid	required	The 16 digit unique ID that identifies a vserver	TEXT
checkicmp	required	Activate / deactivate the ICMP check	TEXT (ACTIVE / INACTIVE)

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
no properties are returned	

5. Events

There are events for all vServer related commands which cannot be executed in realtime. The event gives informations about the actual state of the command.

Class	Subclass	Related Command	Description
VSERVER_RESET	SUCCESSFUL	ResetVServer	Reboot executed
VSERVER_RECREATE	PENDING	RecreateVServer	Recreation in process
VSERVER_RECREATE	SUCCESSFUL	RecreateVServer	Recreation completed

6. ChangeLog

Date	Old / new version	Description of changes
2007-12-07	1.1 / 1.2	<ul style="list-style-type: none">- Added command RemoveVserverIPAddress- Added parameter hostname to command AddVserverIPAddress- full check of all server properties, updating several server descriptions
2008-09-18	1.2 / 1.3	<ul style="list-style-type: none">- Added ICMP response parameters to command StatusVServer- Added new command ModifyVServer