

## Univention Corporate Server



### Extended Windows integration documentation




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# Chapter 1. Advanced Samba documentation

## 1.1. Operating Samba 4 as a read-only domain controller

Feedback 

Active Directory offers an operating mode called *read-only domain controller* (RODC) with the following properties:

- The data are only stored in read-only format; all write changes must be performed on another domain controller.
- Consequently, replication is only performed in one direction.

A comprehensive description can be found in the Microsoft TechNet Library [technet-rodcc].

A Samba 4 domain controller can be operated in RODC mode (on a slave domain controller for example). Prior to the installation of *univention-samba4*, the Univention Configuration Registry variable `samba4/role` must be set to *RODC*:

```
ucr set samba4/role=RODC
univention-install univention-samba4
univention-run-join-scripts
```

# Bibliography

- [ucs-handbuch] Univention GmbH. 2013. *Univention Corporate Server - Manual for users and administrators*. <http://docs.univention.de/manual-3.1-1.pdf>.
- [ucs-dokumentationen] Univention GmbH. 2012. *Documentation on Univention products*. <http://www.univention.de/en/download-and-support/documentation/documentation-on-univention-products/>.
- [wiki-samba4] Univention GmbH. 2012. *Univention Wiki - Samba in UCS 3.0*. [http://wiki.univention.de/index.php?title=Samba\\_in\\_UCS\\_3.0%2Fen](http://wiki.univention.de/index.php?title=Samba_in_UCS_3.0%2Fen).
- [technet-rodcd] Microsoft. 2012. *AD DS: Read-Only Domain Controllers*. <http://technet.microsoft.com/en-us/library/cc732801%28v=ws.10%29.aspx>.
- [locales] Debian Project. 2012. *Locale - Debian Wiki*. <http://wiki.debian.org/Locale>.
- [developer-reference] Univention GmbH. 2013. *Univention Developer Reference*. <http://docs.univention.de/developer-reference-3.1.html>.
- [bind-loglevel] O'Reilly. 1998. *Reading Bind Debugging Output*. [http://www.diablotin.com/librairie/networking/dns-bind/ch12\\_01.htm](http://www.diablotin.com/librairie/networking/dns-bind/ch12_01.htm).
- [samba3-howto-chapter-20] Jelmer R. Vernooij and John H. Terpstra and Gerald (Jerry) Carter. 2010. *The Official Samba 3.2.x HOWTO and Reference Guide*. <http://www.samba.org/samba/docs/Samba3-HOWTO.pdf#chapter.20>.
- [wiki-samba-update] Univention GmbH. 2012. *Univention Wiki - Update to UCS 3.0 Samba 4*. [http://wiki.univention.de/index.php?title=Update\\_to\\_UCS\\_3.0\\_Samba\\_4](http://wiki.univention.de/index.php?title=Update_to_UCS_3.0_Samba_4).
- [wiki-ad-takeover] Univention GmbH. 2012. *Univention Wiki - UCS 3.1 Univention AD Takeover*. [http://wiki.univention.de/UCS\\_3.1\\_Univention\\_AD\\_Takeover](http://wiki.univention.de/UCS_3.1_Univention_AD_Takeover).
- [sdb-acls] Univention GmbH. 2011. *Univention Support Database - Wie können ACLs sind UCS konfiguriert werden (currently only available in German)*. <http://sdb.univention.de/1042>.
- [sdb-sslchange] Univention GmbH. 2013. *Univention Support Database - Renewing the SSL certificate*. <http://sdb.univention.de/1183>.
- [univention-technologypartners] Univention GmbH. 2012. *Univention partners*. <http://www.univention.de/en/partner/technology-partners/>.
- [ext-doc-inst] Univention GmbH. 2012. *Extended installation documentation*. <http://docs.univention.de/installation-3.1.pdf>.
- [ext-doc-win] Univention GmbH. 2013. *Extended Windows integration documentation*. <http://docs.univention.de/windows-3.1.pdf>.
- [ext-print-doc] Univention GmbH. 2013. *Extended print services documentation*. <http://docs.univention.de/printers-3.1.pdf>.
- [ext-doc-domain] Univention GmbH. 2013. *Extended domain services documentation*. <http://docs.univention.de/domain-3.1.pdf>.
- [ext-doc-net] Univention GmbH. 2013. *Extended network management documentation*. <http://docs.univention.de/networks-3.1.pdf>.
- [uvmm-technical-details] Univention GmbH. 2012. *Univention Wiki - UVMM - Technische Details (currently only available in German)*. [http://wiki.univention.de/index.php?title=UVMM\\_Technische\\_Details](http://wiki.univention.de/index.php?title=UVMM_Technische_Details).

- [uvmm-quickstart] Univention GmbH. 2012. *Univention Wiki - UVMM - Quickstart Guide*. [http://wiki.univention.de/index.php?title=UVMM\\_Quickstart-3.1%2Fen](http://wiki.univention.de/index.php?title=UVMM_Quickstart-3.1%2Fen).
- [hardwarelist] Univention GmbH. 2012. *Univention Corporate Server - Compatible hardware*. <http://www.univention.de/en/products/ucs/product-information/compatible-hardware/>.
- [ec2-quickstart] Univention GmbH. 2011. *Univention Wiki - Amazon EC2 Quickstart*. [http://wiki.univention.de/index.php?title=Amazon\\_EC2\\_Quickstart](http://wiki.univention.de/index.php?title=Amazon_EC2_Quickstart).
- [xenserver-installation] Univention GmbH. 2013. *Univention Wiki - Citrix XenServer*. [http://wiki.univention.de/index.php?title=Citrix\\_Xen\\_Server](http://wiki.univention.de/index.php?title=Citrix_Xen_Server).
- [bacula-config-example] Univention GmbH. 2012. *Bacula configuration example*. [http://wiki.univention.de/index.php?title=Bacula\\_configuration\\_example](http://wiki.univention.de/index.php?title=Bacula_configuration_example).
- [ext-doc-computers] Univention GmbH. 2013. *Extended computer management documentation*. <http://docs.univention.de/computers-3.1.pdf>.