
New in the Barracuda TechLibrary, March 2015

<https://campus.barracuda.com/doc/44435501/>

March, 2015

The Barracuda TechLibrary newsletter is updated monthly with a listing of new and updated articles by product. The **Highlights** section announces new product documentation and other major additions or updates to the Barracuda TechLibrary. Check back each month for the latest and greatest!

Highlights

- Introducing Barracuda ArchiveOne
- Cudatel has been rebranded as The Barracuda Phone System
- SignNow has been rebranded as CudaSign
- The Barracuda Spam Firewall version 7.0 web interface has a new look and feel! Updated for consistency with all products

Barracuda ArchiveOne

New

- [Overview](#)
- [What's New in Barracuda ArchiveOne](#)
- [Release Notes](#)
- [Getting Started](#)
 - [Supported Configurations](#)
 - [Step 1 - Prepare for Installation](#)
 - [Run the ArchiveOne for Exchange Deployment Analyzer](#)
 - [Repository Configuration and Sizing](#)
 - [How to Set Up Test Installation](#)
 - [Step 2 - Verify System and Component Requirements](#)
 - [Step 3 - Install the ArchiveOne Service and Components](#)
 - [How to Install the ArchiveOne Administration Console on a Separate Machine](#)
 - [How to Change the Temporary Data Location](#)
 - [How to Prepare for Offline Synchronization](#)
 - [How to Rebuild an Offline Archive](#)
 - [Installing a Storage Manager](#)
 - [Using Non-English Language Environments](#)
 - [Step 4 - Configure ArchiveOne](#)
 - [Step 5 - Manage Long-Term Configuration](#)

- [ArchiveOne Web Administration](#)
 - [Barracuda Advanced Discovery Dashboard](#)
 - [Audit Console](#)
 - [Dashboard](#)
 - [Legal Console](#)
 - [Using Widgets](#)
- [Accounts and Permissions](#)
 - [ArchiveOne Service Account Permissions](#)
 - [How to Add Users to Mailbox Manager](#)
 - [How to Add a Folder to User Mailboxes](#)
 - [Service Account Password Management](#)
 - [Microsoft Exchange Permissions](#)
- [Policies](#)
 - [How to Configure and Run Policies](#)
 - [Understanding Policy Configuration Options](#)
 - [Actions](#)
 - [Policy Owning Role](#)
 - [Search Criteria](#)
 - [When to Search](#)
 - [When to Stop](#)
 - [Where to Search](#)
 - [How to Add a Public Folder to the Public Folder Manager](#)
 - [How to Create a Journal Policy](#)
 - [Understanding Policy Actions](#)
 - [Policy Functionality Examples](#)
 - [CSV and XML Data Files](#)
- [Journaling](#)
 - [How to Capture Compliance through Journaling](#)
 - [How to Create a Journal Repository](#)
 - [Understanding Microsoft Exchange Journal Archiving](#)
 - [How to Set Up Microsoft Exchange Journaling for Compliance](#)
 - [Understanding Microsoft Exchange 2003 Envelope Journaling](#)
 - [Understanding Microsoft Exchange 2007 and 2010 Envelope Journaling](#)
 - [How to Accurately Measure Database Whitespace in Microsoft Exchange 2010](#)
 - [Understanding Microsoft Exchange 2013 Envelope Journaling](#)
- [System Health Report](#)
 - [How to Set Up System Health Report Email Recipients](#)
 - [How to Manually Run the System Health Report](#)
 - [How to Change the Scheduled Run Time for the System Health Report](#)
 - [How to Exclude a Test from the System Health Report](#)
- [PST Files and Processing](#)
 - [Password Protected PST Files](#)
 - [Understanding PST and OST Files](#)
 - [Understanding PST Migration](#)
 - [Understanding the PST Processor](#)
- [Working With Archived Content](#)

- [Searching Archived Content](#)
 - [Configure Search Criteria](#)
 - [Perform an Archive Search](#)
 - [Search and Retrieval Website](#)
- [How to Retrieve Public Folder Items](#)
- [How to Retrieve Stubbed Content](#)
- [How to Archive Mailbox Items before Deleting a Microsoft Exchange Mailbox](#)
- [How to Configure URL Retrievals to Redirect to the External OWA Address](#)
- [How to Update the Outlook Web Access URL for Message Retrieval](#)
- [How to Change Default Text in Stubbed Content](#)
- [How to Configure Browse Archive](#)
- [How to Archive Instant Messaging](#)
- [How to Run a Federated Search](#)
- [SQL Server Database Deployment](#)
 - [How to Configure SQL Server](#)
 - [SQL Server 2008 R2 Express Deployment](#)
- [Repositories](#)
 - [How to Migrate Repositories from CloudDR to Local Storage](#)
 - [How to Migrate Repositories from CloudStorage to Local Storage](#)
 - [Repository Configuration Pages](#)
 - [Repository Name Page](#)
 - [Storage Manager Page](#)
 - [Index Location Page](#)
 - [Archive Location Page - No Storage Manager](#)
 - [Archive Page - With Storage Manager](#)
 - [Rate Control Page](#)
 - [Retention Page](#)
 - [Index Page](#)
 - [Archive Page](#)
 - [Temporary Data Page](#)
 - [Legacy Archiving Page](#)
- [Security](#)
 - [How to Run a Secure Search](#)
 - [How to Manage DCOM and Firewall Security](#)
- [ArchiveOne Admin Console](#)
 - [Status Node](#)
 - [Custom Properties](#)
 - [Status Configuration Pages](#)
 - [License Page](#)
 - [System Optimization Page](#)
 - [Retrieval Folder Page](#)
 - [Search URL Page](#)
 - [OWA Configuration Page](#)
 - [Mailbox Folders Page](#)
 - [Server Data Location Page](#)
 - [Offline Archive Page](#)

- [Audit Server Page](#)
- [Store Configuration Page](#)
- [Advanced Audit Page](#)
- [Journal Cleanup Page](#)
- [User Text Page](#)
- [Manage Policy Results Page](#)
- [Database Page](#)
- [Mail Results Page](#)
- [Create Folder Page](#)
- [Event Logging Page](#)
- [Index Maintenance Page](#)
- [Search Comments Page](#)
- [PST Finalize Page](#)
- [PST Tuning Page](#)
- [Browse Archive Page](#)
- [Audit Level Page](#)
- [System Health Mail Details Page](#)
- [URL Safe Mode Page](#)
- [Litigation Repositories Page](#)
- [Link Style Page](#)
- [Safe Mode Page](#)
- [Diagnostics Page](#)
- [System Health Node](#)
- [Mailbox and Journal Repositories Node](#)
- [Mailbox Manager Node](#)
- [Public Folder Manager Node](#)
- [Policies Node](#)
- [Archive Searches Node](#)
- [Archive Update Node](#)
- [Investigations Node](#)
- [Tag Definitions Node](#)
- [Auto Tag Node](#)
- [Coupled and Uncoupled PSTs Nodes](#)
- [Recycle Bin Node](#)
- [Roles and Users Node](#)
- [Controlling Client Settings from ArchiveOne Admin](#)
- [Advanced Auditing](#)
- [Client Components](#)
 - [Laptop Client](#)
 - [Quick Link Client](#)
 - [How to Configure Soft Fade for the Quick Link Client](#)
- [Roles and User Management](#)
 - [Administration and Configuration Considerations](#)
 - [How to Add and Delete Roles](#)
 - [How to Add and Delete Users in the Users Group](#)
 - [How to Assign User Roles](#)

- [How to Define Role Behavior](#)
- [How to Define the Mailbox Search List](#)
- [How to Import and Export Roles, Rights, and Users](#)
- [Understanding Pre-Configured Roles](#)
- [Mailbox Archiving Wizard](#)
- [Index Optimization Service](#)
- [Licensing](#)
 - [Multi-Server Licensing](#)
 - [Understanding License Restrictions](#)
- [Storage and Maintenance](#)
 - [Changes to Your Environment](#)
 - [How to Restore the Index](#)
 - [How to Move the ArchiveOne Installation to a New Server](#)
 - [Single Instance Storage](#)
 - [ArchiveOne Compliance](#)
- [Event Scripting](#)
- [Event Log](#)
 - [Sample Event Script](#)
 - [Understanding Scripting Events](#)
- [Database Tables](#)
- [Troubleshooting and Error Messages](#)
 - [How to Enable ArchiveOne Advanced Discovery Diagnostic Logging](#)
 - [How to Contact Customer Support](#)
 - [Diagnosing Problems](#)
 - [How to Find an Active Directory Object from the Globally Unique Identifier](#)
 - [How to Resolve Errors when Adding Users to the Mailbox Manager](#)
 - [How to Resolve Errors when Installing ArchiveOne Deployment Analyzer](#)
 - [How to Resolve SQL Server Database Size Error](#)
 - [How to Change the SQL Server Instance](#)
 - [How to Set a Throttling Policy](#)
 - [How to Troubleshoot Using ProcDump](#)

Barracuda Backup

New

- [How to Set User IP Restrictions](#)
- [Understanding the Barracuda Backup Service Data Plan](#)
- [How to Resolve Slow Incremental Backup with VMware](#)
- [Microsoft Hyper-V Backup Containers](#)
- [Firmware Upgrade Policy](#)

- [Network Driver Best Practice for Agent Backup of VMware Virtual Machines](#)
- [How to Open a Support Tunnel](#)

Updated

- [Understanding VSS and VDI SQL Database Backup](#) - Updated SQL Server 2008 R2 database support
- [Barracuda Backup Hardware Specifications](#) - Updated rack mountable sizing
- [How to Set Up Microsoft Exchange Server 2010 Message-Level Backups](#) - Added code sample and link to Microsoft knowledgebase article
- [Configuring Email Notifications for Local Control](#) - Added local control UI for alerts & reports
- [Barracuda Cloud Storage Deployment](#) - Added offsite vaulting policy details
- [Step 3 - How to Configure Backups](#) - Added Linux details
- [How to Set an Alternate Rate Limit](#) - Added bandwidth recommendations
- [Understanding Why Data is not Replicating to an Offsite Barracuda Backup Location](#) - Added bandwidth recommendations
- [Rate Limit Page](#) - Added bandwidth recommendations
- [How to Set Rate Limits](#) - Added bandwidth recommendations
- [Managing the Data Queue](#) - Added bandwidth recommendations
- [How to Set Up Microsoft Hyper-V Virtual Machine Backups](#) - Update for 'Online Backup'
- [How to Set Up Hyper-V Clustering](#) - Update for 'Online Backup'
- [How to Restore a Microsoft Hyper-V Virtual Machine](#) - Updated pre-restore details
- [Barracuda Backup Panel Indicators, Ports, and Connectors Barracuda Backup](#) - Updated back panel component descriptions and images for 890, 891, 892, 990, 991, 995, 1090, and 1091
- [How to Restore a Microsoft Hyper-V Virtual Machine](#) - Hyper-V setup and support clarification

Barracuda Copy**New**

- End-User Tools
- Administrator Tools
- Developer Tools
- Deployment Options

Updated

- Barracuda Copy - Overview - Redesigned for quick access to tools by user type

Barracuda Email Security Service

New

- [Rate Control Inbound](#)
- [How to Validate Your Domain](#)

Updated

- [Release Notes](#) - Updated for version 2.6
- [How the Service Works](#) - Added info. about inbound Rate Control
- [Barracuda Email Security Service for SMTP Mail Server](#) - Additional methods for verifying domains you add to the service
- [Step 2 - Configure Outbound Mail Scanning](#)
- [Step 4 - Tune and Monitor the Default Spam and Virus Settings](#)

Barracuda Message Archiver

New

- [Understanding Cloud Restore](#)

Updated

- [Option 3 - Command Line with Custom Deployment](#) - Removed ADMX details, added port requirements
- [Understanding Encrypted and Digitally Signed Message Archival](#) - Added exception details
- [Barracuda Cloud Relay Service Configuration for Office 365 Mail Service](#) - Add Microsoft Office 365 external references

Barracuda NG Firewall

New

- [Release Notes](#) - Firmware 6.0.1
- [Release Notes](#) - Firmware 5.4.6
- [NG Control Center Getting Started with the CC Setup Wizard](#)
- [How to Configure a High Availability Cluster in Azure via PowerShell](#)
- [How to Configure a DHCP Relay over a VPN Tunnel](#)
- [How to Create PAR or PCA Files on the Command Line](#)
- [How to Configure Barracuda Web Security Service](#)
- [Splunk Integration](#)
- [How to Back Up and Restore Your Systems](#)
- [Proxy Tab](#)
- [Best Practice - Small Barracuda NG Firewall Systems](#)

- [How to Restore a Configuration on Appliances Models after an RMA](#)
- [How to Use the Barracuda Report Creator](#)
- [How to Create Custom Reports](#)

Updated

- [phionar and conftool](#) - Updated to include encrypted PAR files
- [Rack Installation for Barracuda NextGen Firewall F800 Revision C and F900 Revision A,B](#)
- [Custom External Network Objects](#)
- [How to Configure LDAP Authentication](#) - Added new feature: LDAP Group cache
- [How to Configure Administrative Roles](#) - Reboot shutdown for non-root users
- [PHION-MIB Field Descriptions](#) - Updated with SNMP information for Traffic shaping and secondary power supplies
- [Migrating from 5.4.x to 6.0.x](#) - Additional migration information for 6.0.1
- [How to Recover the Barracuda NG Firewall with a USB Flash Drive](#)
- [How to Configure Audit & Reporting with IPFIX](#) - Added Log Stream and IPFIX output information

Barracuda Network Access Client

Updated

- [Template Code: Customer Install Files \(customer.inf\)](#) - Added information for Credential Provider

Barracuda SignNow

Updated

- [REST Endpoints API](#) - Updated code samples

Barracuda Spam Firewall

New

- [How to Customize SMTP Response Messages](#) - New for version 7.0; see **ADVANCED > SMTP Responses** in the web interface

Updated

For version 7.0:

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- [Roles and Navigating the Web Interface](#)
 - [Creating and Managing Domains](#)
 - [User Role](#)
 - [Domain Admin Role](#)
 - [Helpdesk Role](#)
 - [Governance, Risk Management and Compliance \(GRC\) Account Role](#)
 - [SMTP Error Codes](#)
 - [Barracuda Email Security Gateway API Guide](#)
 - [How to Deploy the Barracuda Email Security Gateway on Microsoft Azure](#)
 - [Barracuda Spam Firewall User 's Guide 6 and Above](#)

Barracuda Web Application Firewall

New

- [Creating the Barracuda Web Application Firewall Image on Microsoft Azure](#)
- [Brute Force Attack](#) - Added description, effects and prevention for brute-force attack
- [Directory Traversal Vulnerability](#) - Added description, effects and prevention for path traversal attack
- [Cross-Site Scripting Attack](#) - Added description, effects and prevention for XSS attack
- [SQL Injection Attack](#) - Added description, effects and prevention for SQL injection attack
- [Remote File Inclusion Vulnerability](#) - Added description, effects and prevention for remote file inclusion attack

Updated

- [Amazon Web Services](#) - Added M3.2 Extra Large instance type
- [Microsoft Azure](#) - Updated the image
- [Barracuda Web Application Firewall Quick Start Guide - Microsoft Azure](#) - Added a note for the "Capture" option

Barracuda Web Filter

Updated

- [WCCP Deployment With the Cisco ASA](#)

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