

# **POP3 Domino Connection**

Revision 1.3

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Revision number 1.3 Last alteration: 12.06.2013

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This issue replaces all earlier ones and orients itself on the appliance with respect to naming.

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### **1** Introduction

There are a couple of options for archiving mails with REDDOXX MailDepot. This document describes implementing journaling on Lotus Domino Server with the REDDOXX POP3 Connector. The mails are collected and processed by the POP3 Connector and then archived in the MailDepot.

### 1.1 Prerequisites

This document is for the **Reddoxx Administrator and Lotus Domino Administrator**. A installed and configured Lotus Domino Server is needed. For configuration, a privileged administrator needs to access the Lotus Domino Server.

### 1.2 Supported versions

Supported are all versions of Lotus Domino Server from 8.5.1 and newer.

### **2** Installation

### 2.1 Activate Lotus Domino POP3 service

The POP3 service may be selected with the first installation of the Lotus Domino Server. The service can be added and activated later by following this steps:

- 1. Start the domino administrator and open the server where the POP3 service needs to be activated. The serverdocument must be opened in edit mode.
- 2. Click the register "Ports" -> "Internet Ports" -> "Mail"

asics Security Ports	Server Tasks   Internet Proto	cols   MTAs   Miscellaneous	Transactional Logging
Notes Network Ports   Inte	rnet Ports Proxies		
SSL settings			
SSL key file name:	<sup>₽</sup> keyfile.kyr_		
SSL protocol version (for u with all protocols except H	nse 『Negotiated』		
Accept SSL site certificate	s: C Yes 🖲 No		
Accept expired SSL certific	cates: 🖲 Yes 🔿 No		
SSL ciphers: Modify	RC4 encryption with 128 RC4 encryption with 128 Triple DES encryption w DES encryption with 56- RC4 encryption with 40-	I-bit key and MD5 MAC I-bit key and SHA-1 MAC ith 168-bit key and SHA-1 MAC bit key and SHA-1 MAC bit key and MD5 MAC	
Enable SSL V2: (SSL V3 is always enabled	T Yes i)		
Web Directory Mail D	IIOP Remote Debug Manage	r Server Controller	
Mail	Mail (IMAP)	Mail (POP)	
TCP/IP port number:	<sup>©</sup> 143_	<sup>₽</sup> 110,	1
TCP/IP port status:	🕫 Disabled 🛛 💌	<sup>™</sup> Enat	oled
Enforce server access settings:	<sup>r</sup> No	۳ No ی	•

Image: Serverdocument

- 3. Make sure that "TCP/IP Port Status" is set to "enabled" in the MAIL (POP) row.
- 4. Save and close the serverdocument.

### 2.2 Starting and stopping the Lotus Domino POP3 service

The POP3 service may be started manual or automatic.

Action	Maßnahme
POP3-Service manual start	Enter the following in the server console: <i>load POP3</i>
POP3-Service automatic start	Edit the servertask settings in the notes.ini file. See example below.
POP3-Service stop	Enter the following in the server console: <i>tell POP3 quit</i>

#### Example for servertask settings in the notes.ini on the Domino Server:

ServerTasks= Update, Replica, Router, AMgr, AdminP, CalConn, Sched, http, POP3, RnRMgr

### 2.3 Add Mail-IN Database

The Mail-IN Database is configured for receiving mail, without adding this mailfile to a person.

- 1. Open "People & Groups" in Lotus Domino Administrator and select the view "Mail IN and Ressouces".
- 2. Click at "Add Mail IN Datenbase"



3. Fill in all fileds in the register "Basics"

Vail-In Database	: Journal Mail-In	1200	
asics Other Commen	ts Administration		
Basics		Location	
Mail-in name:	<sup>27</sup> Journal Mail-In J	Domain:	PWIT_3
Description:	<sup>P</sup> Journal für POP3 Reddoxx Maildepot	Server:	P Hannibal/WIT a 📧
Internet Address:	* J	File name:	<sup>27</sup> mailin/redox_journal.nsf_j
internet message storage:	<sup>™</sup> Prefers MIME <sub>d</sub>		
Encopt incoming mail:	<sup>P</sup> No.3M		

Image: Journal Mail-In

4. The MAIL-IN Database will be created with "Save & Close".

### 2.4 Activate Lotus Domino Journaling

- 1. Open the register "Configuration" in Lotus Domino Administrator and expand the section "Messaging"
- 2. Click "Configuration"
- 3. Select the configuration document of the corresponding server, where journaling needs to run. Click "Edit Configuration".
- 4. Click the register "Router /SMTP" -> "Advanced" -> "Journaling"
- 5. Fill in the all fields

Basics Security Client U	Jpgrade   LDAP   Router/SMTP   MIME   N	JOTES.INI Settings   Lotus iNotes   IMAP   Sh
Basics   Restrictions and (	Controle   Massage Disclaimers   Massag	e Tracking Message Recall Advanced
Sasies   Hestiletions and	controls   Message Discialmens   Messagi	
Journaling Commands a	and Extensions Controls	
Basics		1
Journaling:	<sup>r</sup> Enabled	
Field encryption exclusion list:	<sup>®</sup> Form; From; Principal; PostedDate; Body; Subject; SendTo; CopyTo; BlindCopyTo <sub>⊒</sub>	
Method:	🖥 Send to mail-in database 🛛 💌	
Mail Destination:	🖁 Journal Mail-In 🛛 💌	_
Journal Recipients:	🖥 Disable 🗉 💌	
***Reminder: Ajournalin	g mail rule is needed to properly enable mes	ssage journaling.

Image: Activate journaling

6. The configuration is saved with "Save & Close".

#### 2.5 Setup POP3 user

The POP3 user needs a userdocument to access the Lotus Domino Server maildatabases.

- 1. Open the register "People & Groups" in Lotus Domino Administrator
- 2. Select the section "Directories- Address Book People"
- 3. If no userdocument exists for the user, click "Add Person" to create a new user document
- 4. Fill in the fileds

WIT Domane - Hannibal/	WIT Beddox X		
Save & Close Ex	amine Internet Certificate(s) DExamine Notes Cer	tificate(s) 🛞 Cancel 🖉 Op	en Mail File Chat▼
Person: Reddo>	X Reddoxx@WIT		A REA
Basics Work/Home 0	ther   Miscellaneous   Certificates   Roaming   Admi	nistration	
Basics		Mail	
First name:	P	Mail system:	POP or IMAP
Middle name:	°	Domain:	° wit <sub>3</sub>
Last name:	<sup>P</sup> Reddoxx.J	Mail server:	<sup>™</sup> Hannibal/WIT
User name:	<sup>P</sup> Reddoxx.J	Mail file:	<sup>17</sup> mailin\reddox_journal.nsf_
Alternate name:		Forwarding address:	8 3
		Internet address:	°
Short name/UserID and/or Internet address	* a	Format preference for incoming mail:	<sup>™</sup> Prefers MIME
for R4.x SMTP MTA:		When receiving	
Personal title:	*	unencrypted mail,	"No
Generational qualifier:	* . I		
Internet password:	Enter Password		
	(8DA45070E21B2A8F4B2829865DD78BF2)	Collaboration	
Preferred language:	<sup>2°</sup> de_a	Instant messaging server:	°

Image: Create a POP3 userdocument

- 5. It is importet to set the value for MailSystem to "POP or IMAP" and the format preference for incoming mail to "Prefers MIME".
- 6. Enter the earlier created Mail-IN Database in the field "Mail file".
- 7. Assign a password for "Internet password".
- 8. The configuration is saved with "Save & Close".

#### 2.6 Create maildatabase for the POP3 user

Each POP3 user needs a maildatabase at the Lotus Domino Server. This can be added automatically on user registration or can be created manually.

- 1. Select File  $\rightarrow$  Application  $\rightarrow$  New (or STRG+N)
- 2. Fill in all fields

lamen und	Speicherort der neuen Anwendung angeben		
Server	hannibal/WIT	•	OK
2 Titel	Reddoxx MAIL Journal		Abbrechen
Dateiname	mailin\reddoxx_journal.nsf		
	Verschlüsselung		
	Volltextindex für Suchfunktion erstellen		Erweitert
chablone	für die neue Anwendung angeben		
Server	Lokal	· •	
Schablone	<ul> <li>Leere Verbundanwendung-</li> <li>-T- Cryptshare Log V2.0.1</li> <li>-T- Cryptshare V2.0.1</li> <li>Application Library (8)</li> <li>Design Synopsis</li> <li>Diskussion - Notes &amp; Web (8.5.3)</li> <li>Dokumentbibliothek - Notes &amp; Web (8.5)</li> <li>Lotus SmartSuite Library (8.5)</li> <li>Mail (R8.5)</li> <li>Microsoft Office Library (8.5)</li> <li>News Articles (8.5)</li> <li>Notizbuch (8)</li> <li>Persönliches Adressbuch</li> </ul>		
Dateiname	mail85.ntf		Ober
	Vijinflige Gestaltungsänderungen übernehmen		



3. Select the template "mail85.ntfs" and confirm with "OK".

#### 2.7 Configure the ACL

The ACL for the database needs to be edited after the Lotus Domino has created the mailfile.

1. Select the register "Files" in Lotus Domino Administrator and mark the Mail In Database

Newsletter	newsletter.nsf	C:\Lotus\Domino\Dat	R85 (51:0)	14.155.776	🕨 🏹 Ordner
Reddox Mail Journal	reddoxcjourna	C:\Lotus\Domino\Dat	R85 (51:0)	13.369.344	
SPAM	spam.nsf	C:\Lotus\Domino\Dat	R85 (51:0)	29.884.416	i 💛 🍛 Datenbank
					ACL verwalten

Image: Manage ACL

2. Create a new ACL Entry in the new view. Click "Add" and select the Reddoxx POP3 user in the Domino Addressbook.

Zugriffskontrollli	iste für: Reddox Mail Journal		? 🗙
🋃 Allgemein	Zugriffskontrollliste	Attribute	
🍓 Rollen	Personen, Server, Gruppen 🛛 🖌 🗸 🗸 🗸 🗸 🗸	Benutzertyp	Person
🖞 Protokoll	-Default- Anonymous	Zugriff	Manager 👻
Erweitert	Hannibal/WIT Hannibal/WIT LocalDomainAdmins Beddowy	Dokumen     Dokumen     Private Ag     Private 0	ite eistellen i <b>te löschen</b> genten erstellen rdner/Ansichten erstellen
		Gemeins. Ge	Ordner/Ansichten erstellen pt/Java-Agenten erstellen e Dokumente lesen e Dokumente schreiben i <b>te replizieren oder kopieren</b>
	Hinzufügen       Umbenennen       Entfernen         Effektiver Zugriff       Vollständiger Name: Reddoxx		
	Eine Zugriffskontrollliste definiert, wer Ihre Notes-Datenbank ansel bearbeiten darf. Wählen Sie einen Namen in der Liste aus, um die zugewiesenen Zugriffsrechte anzuzeigen bzw. festzulegen.	nen und ihm	
Letzte Änderur Gemäß: WIT	ng: Christof Wegener am 02.03.2012 14:52:42	0	IK Abbrechen

3. Set the user type to "Person" and the access to "Manager" with the option "delete Documents". Click "OK" to confirm the settings and close the ACL.

Image: ACL Reddoxx POP3 user

### 2.8 Define journalrules

You can create filter rules for content on a server that are processed for certain messages. If a new message that gets into the MAIL.BOX matches a certain rule, the IBM® Lotus® Domino® will automatically perform the configured action.

- 1. Open the register "Configurations" in Lotus Domino Administrator and expand the section "Messaging".
- 2. Select and edit the configuration document.
- 3. Click the register "Router/SMTP" -> "Restrictions and Controls" -> Rules
- 4. Create a new serverrule

A) Internal archiving: all internal mails will be recorded and stored.

Server Mail Rule - New Rule	×
This rule is: 🕫 On C Off	
Specify Conditions	
Create:  Condition  Exception	
AND • sender 55 • contains •	
When mail messages arrive that meet these conditions:	
When: Sender contains (ACME	Add
	Remove
	Remove All
Specify Actions	
journal this message 👻	1.5
Perform the following actions:	
Journal this Message	Add Action
	Remove
	Remove All

Image: Journal rule

Select "sender" + "contains" + your internal domino domain in the condition. Select "journal this message" as action by using the "Add Action" button.

This setting requires, that all external mails are already archived with the configured REDDOXX MailDepot.

B) Internal and external archiving: all incoming and outcoing mails will be recorded and stored: Select "all documents" in the condition.

The configuration document shows the new mailrules, after the document has been saved. New rules will be processed when the server has reloaded the mailrules. This is done automatically, as soon as the server task is aware of the new configuration document. The routine check for this is running in about 5minutes intervals.

With a console command you may force the server to load the new rules.

Enter the following command in the server console:

set rules

### 2.9 Configure the Maildepot POP3 Connector

The configuration of the POP3 Connector is described in the REDDOXX Admin Manual in Chapter 5.5.7.2.

http://support.reddoxx.net/manual/admin2030en/#\_RefHeading\_69769\_1084765795

In the POP3 Connector you can configure mailboxes to be checked for new mails in an interval. Mails in the mailbox will be moved to the connectors spooler and deleted from the mailbox. The collected mails will be moved to the global spooler and then archived in the default container.

### Important: The mails collected by the POP3 Connector will be deleted from the Mailbox!

1. Starten Sie den Reddoxx Appliance Manager (rdxadmin2.exe) und öffnen den Abschnitt "Maildepot Konnektoren"



Image: Connectors

2. Create a new POP3 Account.

POP3 Accour	t		
-POP3 Account Se	ttings		
Account		Advanced	
Hostname:	hannibal	✓ Account enabled	
Port:	110	Poll interval (minutes): 60	
Transport s	ecurity: None		
Username:	reddoxx	Use custom message type tag	
Password:	******	Custom tag:	
	$\searrow$	Static ACL	
	Warning		
	warning.		
	All mails in the given mailbox will be deleted. Do not use this process with a normal POP3 mail account.		
		OK Cancel	

Image: POP3 Account

Insert the hostname of your Lotus Domino Server (Hostname or TCP IP Address). Set Transport security to "None" and provide the POP3 User credentials for the user that you created earlier in Lotus Domino.

### **3** Notes to internal E-Mail Addresses and maintenance

- Each user in the domino directory needs an assigned SMTP e-mail address.
- Each mailgroup needs an assigned SMTP e-mail address.
- It is recommendet to compress the reddoxx mail database in intervals. Example command in domino console:: load compact -B mailin\reddoxx journal.nsf

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