RELEASE NOTES
AUTHCONTROL 4.1.2 Release Notes

APRIL 2021

CURRENT PRODUCTION VERSIONS

	Version	Build Number
AuthControl Sentry	4.1.2	(6330)
AuthControl User Portal	4.1.2	(6348)
AuthControl Single sign-on	4.1.1	(6246)

RECOMMENDED UPGRADE SPECIFICATIONS

Version 4.1.2 recommendations
4cores and 4gb Ram. For high load environments please contact Swivel Secure for sizing recommendations.

INTRODUCTION

This document provides an overview of what is new and what has been updated in AuthControl Sentry®. Please ensure you have read and understood the release notes before deploying this updated version 4.1.2

The list below provides a summary of the different sections in this document.

1.0   Update guidance

2.0   AuthControl Sentry® updates

3.0   Security improvements.

4.0   Interface Updates

1.0 UPDATE GUIDANCE

This section provides basic guidance on updating your AuthControl Sentry® appliance using our YUM update service. If you require additional assistance, please contact your Swivel Secure Partner, or if you have a maintenance agreement in place, contact the Swivel Secure Support team.

- Only direct upgrades from AuthControl Sentry® V4.x are supported. If you have a previous version of AuthControl Sentry®, please contact your Swivel Secure Partner or Swivel Secure Support team.

- Upgrades require a V4.x license.

- Internet Access is required

- Working external DNS is required.

1.1 SPECIFICATION REQUIREMENTS

Before commencing the update, please ensure your Swivel Secure appliance or appliances meet the required specification below.

The required specifications for AuthControl Sentry® V4 virtual appliances.

- 2GB RAM (minimum), **4GB RAM recommended.**
- 2 cores Minimum, **4 cores recommended.**
- 80GB HDD (Thick Provisioned)
- VMware ESX/ESXi 4 or above
- 1vNIC (minimum)
- **Hardware only – please ensure your hardware appliance has sufficient memory to perform the upgrade before starting.**

For high load virtual environments more resources (Memory & CPU) can be added. Please contact supportdesk@swivelsecure.com for more information as additional settings may be required.

For virtual appliances - ensure you take a snapshot before you start

For hardware appliances - ensure you take a full backup through the CMI before you start

Swivel Secure logo

1.1 PERFORMING THE UPDATE

To perform the update, please connect to the Console/CMI and navigate to Menu > Administration > Update Appliance.


```
Swivel Maintenance (c) 2016          Administration Menu

1)  Change Admin Password
2)  Add Certificates
3)  Deauthorize Default Certificates
4)  Reboot
5)  Shutdown
6)  Update Appliance
0)  Back

Select:
```

Fig. 1.0 shows the Administration menu in Command Management Interface in AuthControl Sentry®

The order in which you perform a system update is important. Please follow the order below:

1.   CMI - Please ensure you logout and then back in again after CMI Update.

2.   System (Linux OS, services, drivers, etc). There may be a requirement to perform multiple system updates depending on your current version. Please re-run the system update until no further updates are required. After each system update, a reboot should be performed.

3.   AuthControl Sentry®


```
VM-Singlev4.0.4-Example
Swivel Maintenance (c) 2016          Update Menu

WARNING: Users may be unable to authenticate during updates

1)  Settings
2)  Update CMI Menu
3)  Update System
4)  Update Swivel Core Products
8)  Install / Update Package
9)  Flush Cache
0)  Back

Select: _
```

Fig. 1.1 shows the Update menu in AuthControl Sentry®

If you have a high availability (HA) environment, update the standby appliance first. Once successful, update the primary appliance.

2.0 AUTHCONTROL SENTRY® (ACS 4.1.2)

This section lists all the changes to the AuthControl Sentry®.

2.1   MFA - We have on our core MFA (Multi Factor Authentication), feasible to integrate with any SSO technology.

- RADIUS NAS entries can now specify a range of IP addresses, using CIDR notation.
- It is possible to specify how many re-uses of an OATH OTP are allowed. Our latest release 4.1.1, removed re-use altogether, but this causes problems where the OTP is specified correctly but authentication fails for other reasons.
- An error is shown on the User Administration page when attempting to reprovision a user that has an OATH token allocated. It is not permitted to have both an OATH token and an OATH-based mobile app, but previously this error was logged silently and reprovision appeared to have failed.
- A bug has been fixed whereby transports were not shown in the user administration in certain circumstances.
- The API call to initiate user sync has now been fixed.
- More improvements to session replication
- Password checking for Simple LDAP repository has been fixed.
- An option has been added to generate a random password for new users per repository. Previously, this could only be done by making passwords compulsory for all users. Now, specifying "?" as the initial password attribute will generate a random one.
- The RADIUS server is no longer restarted when certain irrelevant configuration changes are made.
- Sending security strings by email has been fixed.
- Line breaks in the FoxBox transport have been fixed.
- Timeout options have been added to more transports that previously would hang indefinitely.
- Support has been added for Push feature in future mobile apps, and it has been made easier to update these for future support.
- Support has been added for future versions of the mobile app that allow multiple accounts.

2.2   User Portal

- Added Japanese translation.
- Improved support for internationalisation.
- Fixed security hole that allowed users access to user portal without authentication in some circumstances.

FURTHER ASSISTANCE

If you are an existing customer and have purchased through a Swivel Secure Partner, please contact them for further assistance

If you are an Accredited Partner and you wish to raise a ticket, please use the link below.

Click here.

As a customer with a Premium Maintenance Agreement, our team of security experts are here to help you 24/7. The service agreement you received categorises issues in priority order P1 through to P4.

Click here.

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