

## RELEASE NOTES

### AUTHCONTROL 4.1.1 Release Notes

MARCH 2021

#### CURRENT PRODUCTION VERSIONS

	Version	Build Number
AuthControl Sentry	4.1.1	(5560)
AuthControl User Portal	4.1.1	(5518)
AuthControl Single sign-on	4.1.1	(5521)

#### RECOMMENDED UPGRADE SPECIFICATIONS

##### Version 4.1.1 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 4.1.1

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

- 1.0 Update guidance
- 2.0 AuthControl Sentry® updates
- 3.0 Software improvements.
- 4.0 New appliances improvement.

## 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](mailto: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**

## 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
8) 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
8) Back
Select: _
  
```

Fig. 1.1 shows the Update menu in AuthControl Sentry®

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

## 2.0 AUTHCONTROL SENTRY® (4.1.1)

This section lists all the changes to the AuthControl Sentry® 4.1.1

2.1 MFA - We have on our core MFA, feasible to integrate with any SSO technology.

- Improved Session Synchronisation Algorithm
- The ability to synchronise sessions with more than 1 other appliance
- Improved the usability of the automatic deprovision
- Security improvements : Tomcat build is now 9.0.37.
- Prevent OATH token OTPs being used more than once
- New helpdesk policy to disable editing user policy
- User Portal: Add description panel to PIN change
- User Portal: Disable mobile provisioning or show message if user not permitted
- Increment lock count if password is incorrect.
- Removed restriction on number of groups / attributes.
- Changes to the way “Check Password with Repository” works on RADIUS and Agents.

### 2.2 AuthControl Mobile (MSP)

- Stability improvement
- Resource Usage improvement
- Bug Fixes – Less calls to you it support desk.
- Research about Widget and the usability of IOS
- Compatibility with Ipad
- Code Update to latest Apple directives
- Provisioning flow review and improvement

### 2.2 AuthControl Mobile IOS

- Increase the usability of apps.
- Optimize the mobile apps functionality and its relation with the high latency scenarios.
- Stability improvement.
- Resource Usage improvement
- Bug Fixes.
- Provisioning and deprovision flow review and improvement.

### 2.2 AuthControl Mobile Android

- Increase the usability of apps.
- Optimize the mobile apps functionality and its relation with the high latency scenarios.
- Stability improvement.
- Resource Usage improvement
- Bug Fixes.
- Provisioning and deprovision flow review and improvement.

### 3.0 New improvements of security in the new release.

This section lists include all of benefits:

- Upgrade the security appliance with new OS.
- Upgrade the Java Version.
- Upgrade the DataBase engine.

Focus on:

- Encrypted management and structure with cloud
- On rest data also encrypted.
- Triple handshake in the Java Version.
- Enviroment upgrade with new appliance.
- Vulnerabilities removed due to analysis in:
- Improve the security in the admin remote Access.
- Delete the support on “not compliance or unsecure ” algoritms.

Mitigation of SSH vulnerabilities.

## 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 P1through to P4.

[Click here](#)

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