# Customer Release Notes

## Product Extreme Defender Application

Software Version 03.31.07

March 26, 2020

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### INTRODUCTION

This document provides specific information for Extreme Defender Application software version 03.31.07.

Extreme Defender Application is a docker based application that operates with the ExtremeCloud Appliance to provide streamlined IoT security functions. Defender Application 03.31.07 supports the Defender Adapter (SA201) and the WLAN AP3912 access points to apply and manage security policies to IoT devices.

The Defender Application is downloadable to the ExtremeCloud Appliance and provides the added capability of easy inventory management of devices protected by the Defender Adapter (SA201) and AP3912 access points.
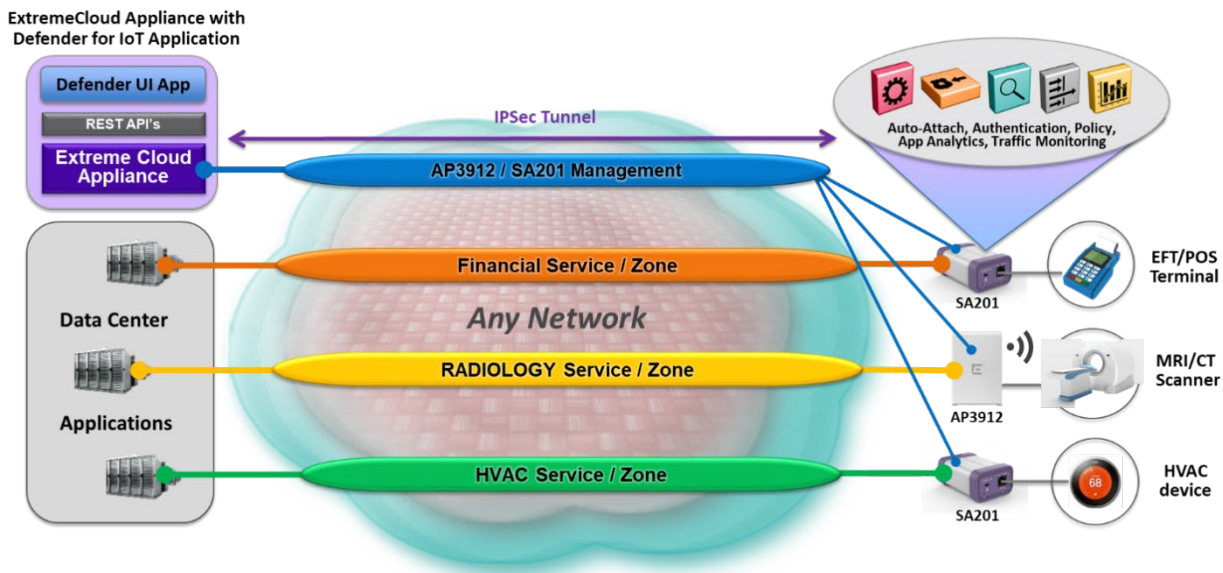


**Extreme Networks recommends that you thoroughly review this document prior to installing or upgrading this product.**

**For the latest software versions, visit the download site at:**
www.extremenetworks.com/support/

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## SOFTWARE SPECIFICATION

| Status | Version No. | Type | Release Date |
|---|---|---|---|
| Maintenance Release | 03.31.07 | Maintenance Release | March 26, 2020 |
| GA Version | 03.31.06 | Feature Release | September 2019 |
| GA Version | 03.21.06 | Feature Release | July 2019 |
| Maintenance Release | 03.01.54 | Maintenance Release | May 2019 |
| Maintenance Release | 03.01.19 | Maintenance Release | December 2018 |
| GA Version | 03.01.16 | Major Release | October 2018 |
| Beta | 03.00.21 | Beta Release | September 2018 |

## INSTALLATION AND CONFIGURATION NOTES

**Note:**

Defender Application installation has been simplified using the ExtremeCloud Appliance.

From the ExtremeCloud Appliance user interface, go to **Administration > Applications**, select the plus sign icon and follow the installation dialog to install Extreme Defender Application.
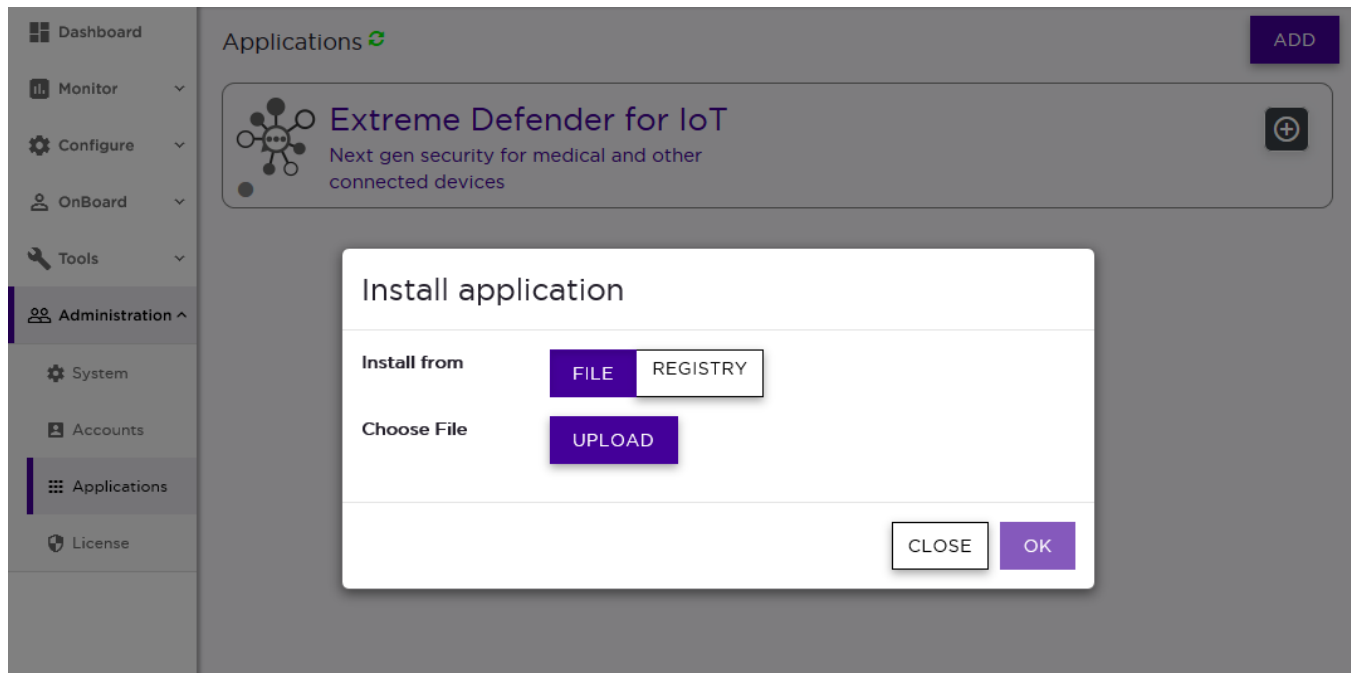


**Figure 1: Install Defender by Uploading Application Docker File**

**Note:**

Defender Application 03.31.06 (or later) requires the user to generate and upload an API key prior to accessing the application.

**To generate the API key:**

1. From the ExtremeCloud Appliance user interface, go to **Administration > Accounts**.

2. Select a Full Admin user, then select **Generate API Key**.

3. Download the generated API key as a file.

**To upload the API key:**

1. From the ExtremeCloud Appliance user interface, go to **Administration > Applications**.

2. Select the **Show application stats** icon for Defender Application.

3. Select the **Configuration Files** tab.

4. Click on the "**api-keys.json**" file name and select the **Upload** icon to upload the generated API key.
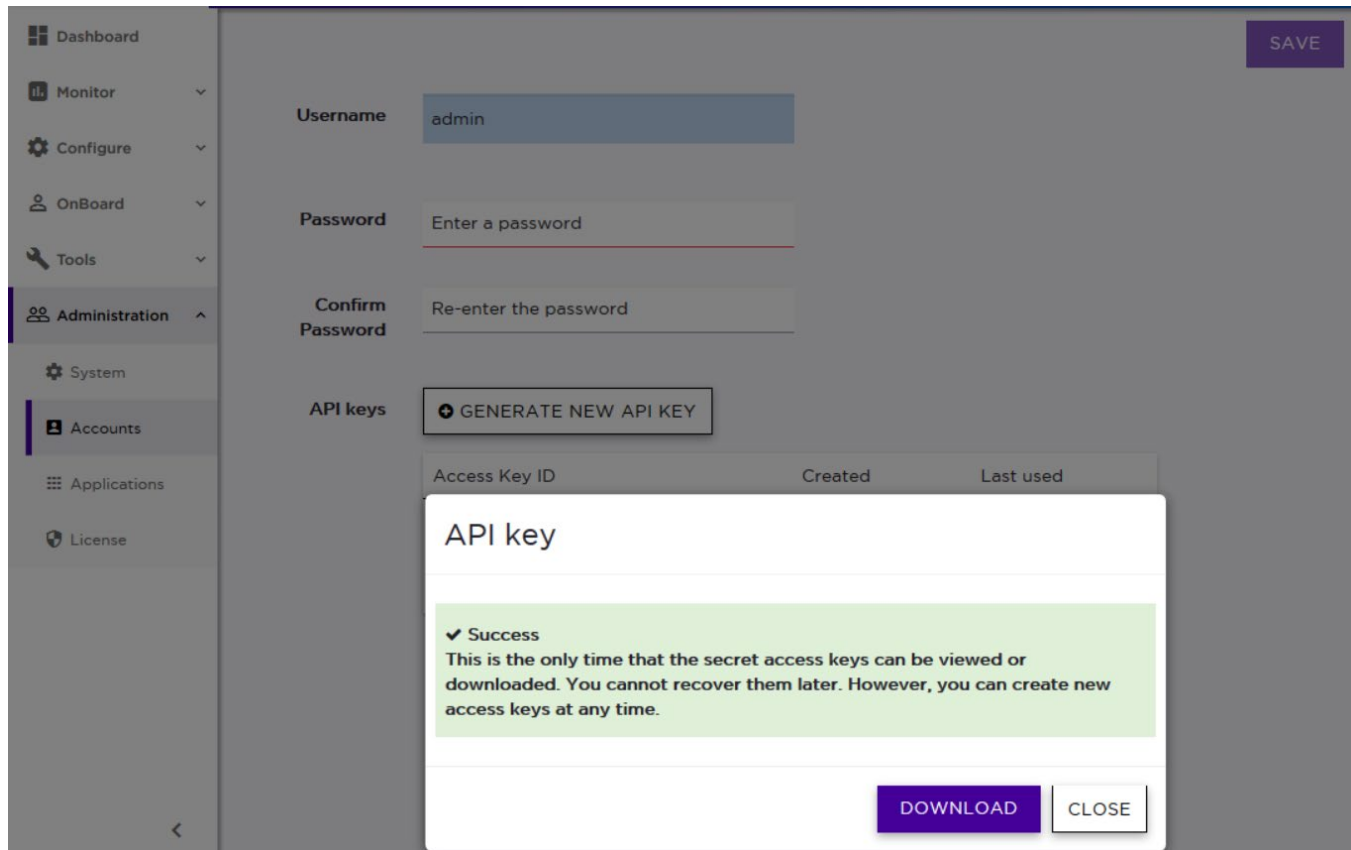


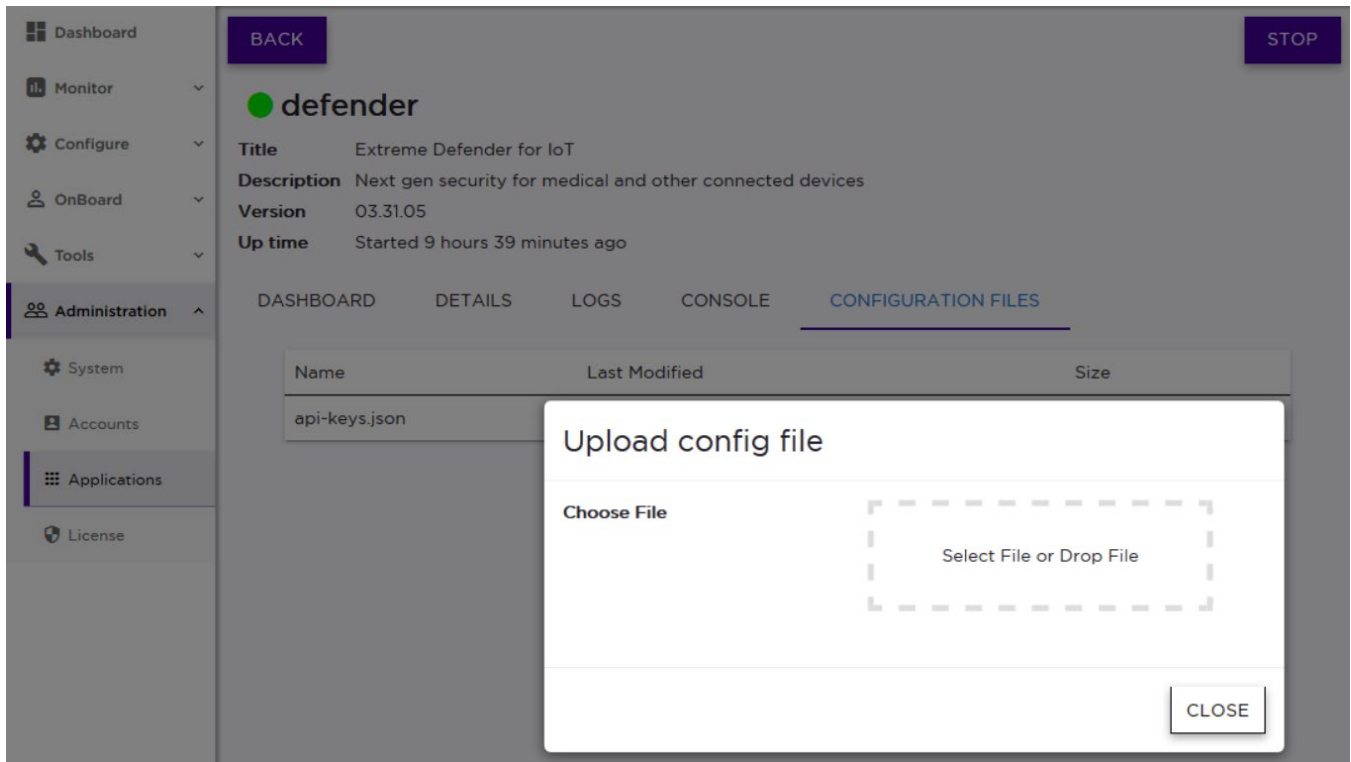**Figure 2: Generate and Download API Key for Full Admin User**

**Figure 3: Upload Generated API Key for Defender Application**

## ISSUES FIXED IN 3.31.07

| ID | DESCRIPTION |
|---|---|
| DEFENDER-334 | Improved synchronization with ExtremeCloud Appliance (host instance) addressing situations where client may be attached and displayed on the Appliance, but not listed in the Defender Protected Devices view. |

## ENHANCEMENTS  IN 3.31.06

| |
|---|
| This release requires ExtremeCloud Appliance release 4.56 or later.  Please upgrade the ExtremeCloud Appliance prior to upgrading/installing the Extreme Defender Application. |
| Supports local user accounts with three access levels (full-admin, user, read-only) and tag-based device filtering. |
| Supports L7 rule editing in policy generation. |
| Removes enforced dependency on DFNDR_SITE to determine whether to re-run wizard.  Customer can rename or even delete the DFNDR_SITE site.  Supports editing of default site name when running installation wizard. |
| Supports site selection when onboarding Access Points and Adapters. |
| Supports adding name and asset ID for protected devices. |

## ISSUES FIXED IN 3.31.06

| ID | DESCRIPTION |
|---|---|
| nse0003668 | Fixed Protected Device table showing inactive device as "not licensed". |
| nse0003894 | Fixed removal of inactive clients. |
| DEFENDER-246 | Added ability for user to rename default site name created by installation wizard. |
| DEFENDER-260 | Enhanced policy editing page to match the policy editing capabilities of ExtremeCloud Appliance. |
| DEFENDER-282 | Fixed client removal processing to update license count correctly. |

## KNOWN RESTRICTIONS AND LIMITATIONS

There have been occasional reports that following an upgrade, the Extreme Defender Application may fail to start displaying "Container is either not installed or not running".  This issue is currently under investigation and will be addressed in an upcoming release.  The only known recovery workaround at this time is to reboot the host ExtremeCloud Appliance.

## GLOBAL SUPPORT

By Phone:   +1 800-998-2408 (toll-free in U.S. and Canada)

For the toll-free support number in your country:
https://extremeportal.force.com/

By Email:   support@extremenetworks.com

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For information regarding the latest software available, recent release note revisions, or if you require additional assistance, please visit the Extreme Networks Support website.