

Threat Grid Appliance version 2.12.0.1 - 2.12.2 Radius bug workaround

Contents

[Introduction](#)

[Problem](#)

[Solution](#)

[Procedure](#)

Introduction

On Threat Grid Appliance between version 2.12.0.1 - 2.12.2, a bug was introduced which breaks the Radius authentication support.

A permanent fix will be available in next software release.

This article will discuss the short-time workaround, which is valid until next reboot. This workaround is possible to apply if the user has access to Opadmin portal (assuming Authentication was configured to use either Radius or System Authentication)

If the user does not have access to Opadmin, please create a TAC case to troubleshoot the issue.

Problem

After upgrading to between 2.12.0.1 - 2.12.2, Radius authentication doesn't work for both Opadmin and Clean interface portal.

Solution

In appliance 2.12.1, support is added for "signed commands" -- JSON documents which, when fed to opadmin (Support > Execute Command), run specific commands as root.

Using signed command we can implement a workaround for this bug until next reboot. [This bug is fixed in 2.12.3]

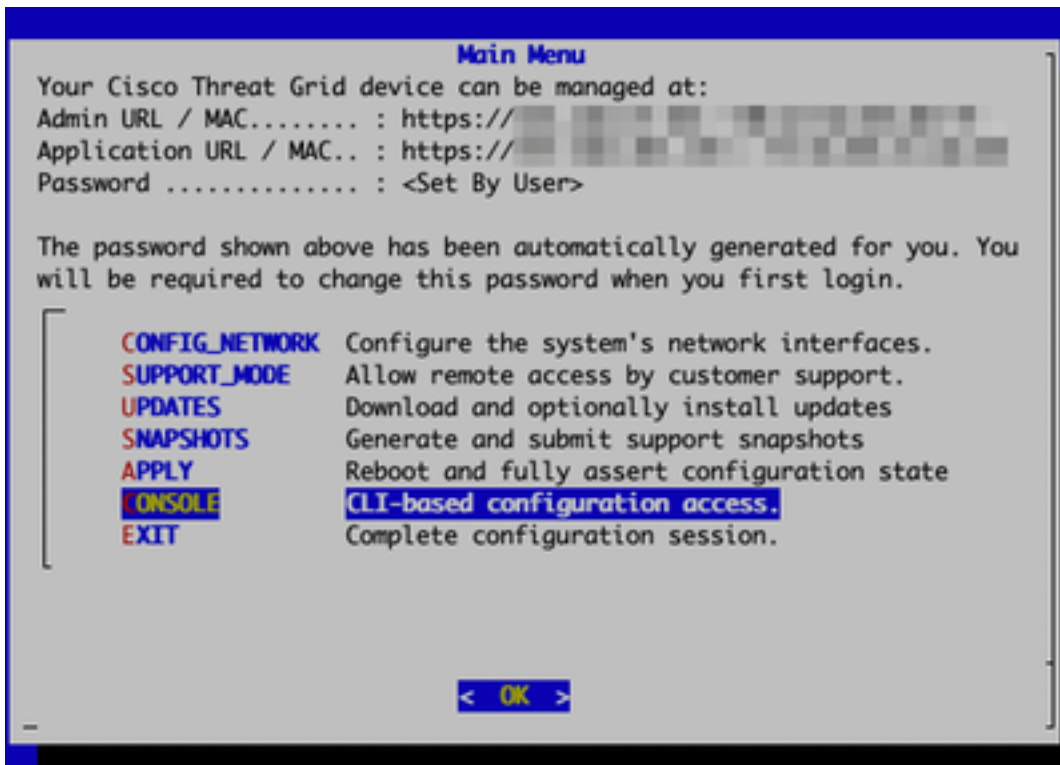
Procedure

As first step Reboot the appliance.

Then follow below instructions -

Using Opadmin Portal:

1. Login to Opadmin portal using system authentication method, browse to **Support > Execute Command**



Threat Grid Appliance

Console

Run command `graphql` to start GraphQL interface



GraphQL interface

Copy following command and paste in graphql interface. Press **Enter** -

```
mutation ExecuteCommand() { job: ExecuteCommand(execute: "-----BEGIN PGP SIGNED MESSAGE-----\nX-
Padding: TG-Proprietary-v1\n\n{\"command\": [\"/usr/bin/bash\", \"-c\", \"set -e\nmkdir -p --
/run/systemd/system/radialjacket.service.d\nncat
>/run/systemd/system/radialjacket.service.d/fix-execstart.conf
<<'EOF'\n\n[Service]\n\nExecStart=\n\nExecStart=/usr/bin/with-custom-resolver /etc/resolv.conf-
integration.d /usr/bin/without-mounts --fs-type=nfs --fs-type=nfs4 --fs-type=fuse --fs-
type=fuse.gocryptfs -- setpriv --reuid=integration --regid=integration --inh-caps=all --clear-
groups -- /usr/bin/radialjacket -c client.crt -k client.key -r server-ca.crt -e
${host}\n\nEOF\n\nsed -i -e s@authmode@auth_mode@ /opt/appliance-
config/ansible/sandcastle.confdir.d/!pre-run/generate-face-json\n\ntouch
/etc/conf.d/radialjacket.conf\n\nset +e\n\nnretval=0\n\nsystemctl daemon-reload || (( retval |=
$? ))\n\nsystemctl restart config-template@sandcastle || (( retval |= $? ))\n\nsystemctl reload --
no-block opadmin || (( retval |= $? ))\n\nsystemctl restart tg-face radialjacket || (( retval |=
$? ))\n\nexit
\\\"$retval\\\"\", \"environment\": { \"PATH\": \"/bin:/usr/bin\" }, \"restrictions\": { \"version-not-
after\": \"2020.04.20210209T215219\", \"version-not-
before\": \"2020.04.20201023T235216.srchash.3b87775455e9.rel\" } }\n-----BEGIN PGP SIGNATURE-----
\n\nwsBcBAABCAAQBQJgR41LCRBGH+fCiPqfvGAArtQIAHCYjCwfBtZNA+pDAnlNqI5zHt8W038jmlCL\ngWFPnYkTZH/z8J
bMMSxYOrLmV+cj8sc0SKlIGUP+i8DDXh01JQCmIhGLbXtGEFqHTEizEWt7Cjxx\nXjnG2BOZxR2wBtS7xTxfV5v8hA5bVTF+
dd0rJHy0zgmfKI4KdVAFli0DBuOQj+qGPo324j+Lr7uB\n7UfnP2mCYpgoqzalUmseCfip+F45CXZNkUKReH4nId7wnln+51
cSj++i2bVued0juSOQIib+jId7\nZlfcgWbTKN2UbTclWjArPjdemZcG5Sbsg2k/lSzkf6ni2kfu2PKe0tJjd0zMj1MqSkeS
TaVOQH7e\nn6Sk=\n-----END PGP SIGNATURE-----\n") { Type UUID Result { Errors { Field Message
__typename } Warnings { Field Message __typename } __typename } __typename }
```

You will see output similar to following output, UUID will be different -

