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Enhanced SCADA Visibility and Control

R80.10

Release Notes

Classification: [Confidential]



Check Point
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Enhanced SCADA Visibility and Control

This release brings the ability to manage R77 based SCADA gateways from R80.10 management. Supported gateways are:

- R77.30 Security Gateways with SCADA hotfix
- Small Office gateways of version R77.20.20 and higher

Installation

Install this release on R80.10 Security Management Server with R80.10 Jumbo Hotfix Take 42.

The following packages must be installed as part of this release:

1. fw1_wrapper (fw1_wrapper_HOTFIX_R80_10_JHF_42_SCADA_GA_FULL.tgz)
2. indexer (indexer_HOTFIX_R80_10_JHF_42_SCADA_GA_FULL.tgz)
3. R77 compatibility package (gulli_cmp_HOTFIX_R80_10_JHF_42_SCA_GU_GA_FULL.tgz)
4. In case a Small Office gateways is managed install SMB compatibility package (sfwr77_cmp_HOTFIX_R80_10JHF42_SCA_SF_3_GA_FULL.tgz)

The above components should be installed on Security Management only.

After the above components are installed log in (ssh) to your Security Management, switch to expert mode and run

```
"/opt/CPshrd-R80/bin/CPRegSvr /opt/CPsuite-R80/fw1/lib/libCPIInstMgrConvComps.so"
```

SmartConsole does not need to be updated.

Configuring

The feature can be configured through management CLI.

Management CLI syntax:

```
mgmt_cli add scada-application name <app_name> scada-properties.<index>.key <key>
scada-properties.<index>.value <value>
```

Where index >= 0

Must keys: protocol

Optional keys: function, unit, address, value, group

Values: integer and integer range

Examples:

```
mgmt_cli add scada-application name modbus_unit_3 scada-properties.0.key protocol
scada-properties.0.value Modbus scada-properties.1.key unit scada-properties.1.value 3
```

```
mgmt_cli add scada-application name cip_function_4 scada-properties.0.key protocol
scada-properties.0.value CIP scada-properties.1.key function scada-properties.1.value 4
```

Once an application is defined in CLI it will appear in SmartConsole as a user-defined application.

Known Limitations

This Hotfix is validated only for R80.10 with Jumbo Hotfix Take 42.

If you want to change this environment, you must first consult with your Check Point partner or vendor. This release is built for the specific environment. Upgrades or other changes can overwrite Hotfix functionality and environment customizations.