# PSIRT Advisories

**ID** STW-IR-25-001

**Component** ycumulocityd ( < obs_v1_09r0 )
*SUPPORTED_OPERATIONS with parameter "c8y_Command" in ycumulocityd.config*

**Type** Insufficient Filter whitelisting on Cloud Command

**CVE ID** pending

**Published** 23.10.2025 11:43 (CEST)

**Last update** -

**Severity** Low

**CVSSv3.1** 3.7

**CWE** CWE-284: Improper Access Control – because the Whitelisting control can be bypassed.

**Product(s)**

| Article Number | Product Name | Affected Version(s) |
|---|---|---|
| any | TCG-4<br>TCG-4lite | <= DeploymentPackage_v3_10r2-Octopus |
| 94119, 94122, 101507, 101510, 103277, 104060, 104063, 107328, 107333, 107336, 108037, 108049, 108053, 108360, 108361, 108366, 108367, 110580, 111863, 112295, 112296, 112297, 112305, 112306, 112307 | ESX.4CL-p<br>ESX.4CL-ag-p | <= DeploymentPackage_v3_10r2-Octopus |

**Summary** A vulnerability has been identified in the ycumulocity component that allows authenticated cloud users to execute commands on the target device, bypassing the Whitelisting filter.
The vulnerability is only exploitable if the CUMULOCITY device shell feature has been explicitly enabled by the device owner.
Access to the cloud environment is strictly authenticated and limited to authorized users.

**Impact** An authenticated user with the required cloud privileges may be able to send commands to the device that are not covered by the Whitelisting mechanism.
There is no exposure to unauthenticated attackers.

**Solution** Please upgrade to DeploymentPackage_v3_10r3-Octopus

**Reported by** The vulnerability was reported by KOCO Solutions GmbH on 13.10.2025 15:53 (CEST).

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