



Pakistan Telecom Authority Headquarters, Islamabad

PTA Cyber Security Advisory No:101

31-Aug-2020

Name: Critical RedHat CloudForms Management Engine Vulnerabilities

Threat Classification: Privilege Escalation, Command Injection, Impersonation

Affected Systems: Affects the following RedHat CloudForms product version:

- **RedHat CloudForms 4.7 x86_64**

Summary:

Multiple vulnerabilities have been found in the Red Hat CloudForms Management engine which may allow an attacker to perform Command injection, business logic bypass, Impersonation or Privilege escalation attacks.

Severity	CRITICAL
Attack Vector	Network
Attack Complexity	Low

For further details, please visit following official link:

<https://access.redhat.com/errata/RHSA-2020:3574>

Recommendations:

- Updates are available on the section 'Updated Packages' at following official link to fix the aforementioned vulnerabilities:
<https://access.redhat.com/errata/RHSA-2020:3574>
- Please visit following official link for the details to apply the RHEL system update:
<https://access.redhat.com/articles/11258>
- In all cases, ensure the availability of stable version, before upgrade, by the relevant vendor.
- In all cases, also ensure that devices to be upgraded to new release meet the requirements set by the vendor.
- Whenever required, access the system with minimal access rights and privileges.
- Use licensed antivirus and regularly obtain its latest updates with its real-time scanning capabilities enabled.
- Only use licensed software and avoid download/use of cracked and pirated software.
- Designate a PoC from your security / Network team (if yet not designated), for seeking assistance and reporting security issues.
- In case of any incident, please report to this office.