

## Remote Code Execution (RCE) Vulnerabilities CVE-2019-1181 and CVE-2019-1182

August 15, 2019

RE: Microsoft RCE Vulnerabilities

### **Overview:**

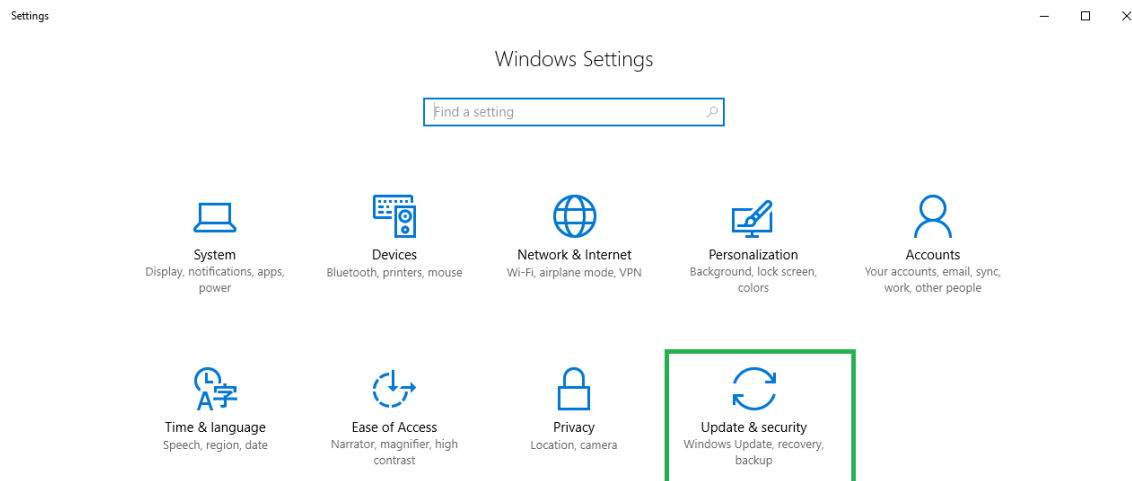
On Aug 14, 2019, A remote code execution vulnerability exists in Remote Desktop Services, formerly known this as Terminal Services, when an unauthenticated attacker connects to the target system using RDP and sends specially crafted requests. This vulnerability is pre-authentication and requires no user interaction. An attacker who successfully exploited this vulnerability could execute arbitrary code on the target system. An attacker could then install programs; view, change, or delete data; or create new accounts with full user rights. To exploit this vulnerability, an attacker would need to send a specially crafted request to the target systems Remote Desktop Service via RDP. The update addresses the vulnerability by correcting how Remote Desktop Services handles connection requests.

<https://portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2019-1181>

<https://portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2019-1182>

### **Solution:**

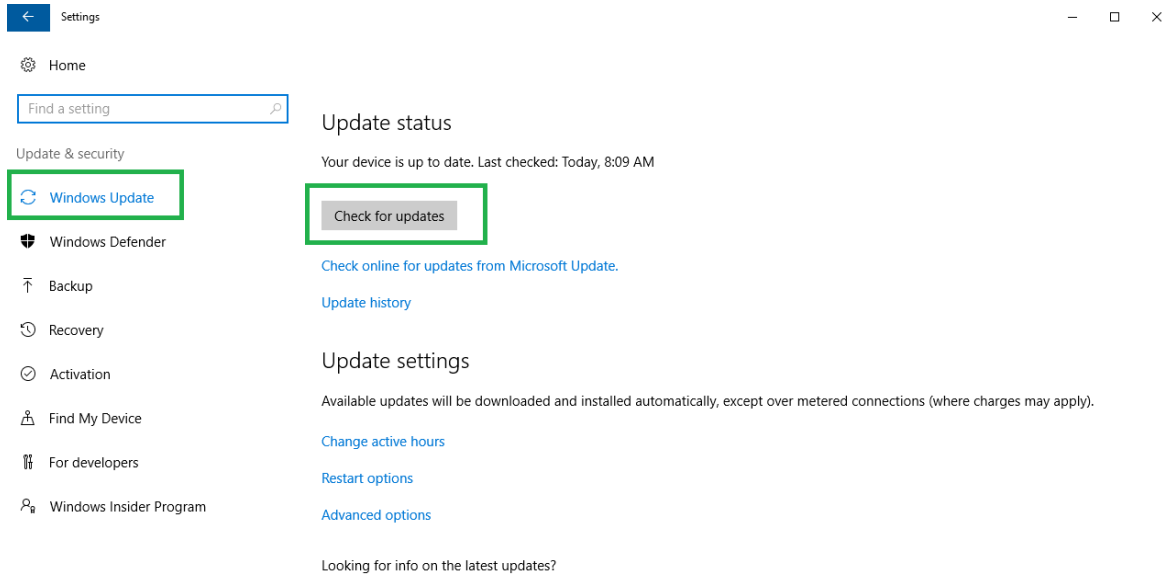
As always, the patches for these vulnerabilities can be downloaded by heading to windows update and pressing on check for updates as shown below screenshots, click on “Settings” -> “Update & Security” and select “check for updates”.



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Please update to the latest updates to avoid any vulnerabilities infects the system.

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