Vulnerabilities
MANAGEMENT

# Host Vulnerabilities Report

| | |
|---|---|
| Hostname: | VC-VAPP-BK-DR |
| IP Address: | 10.128.130.12 |
| Submit by: | admin |
| Generated Time: | Oct. 4, 2018, 2:06 p.m. |

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# Host Detailed Information

## Information

| | | | |
|---|---|---|---|
| **Submit by:** | | admin | |
| **Created Date:** | | Sept. 10, 2018, 3:30 a.m. | |
| **Updated Date:** | | Sept. 10, 2018, 3:30 a.m. | |
| **Hostname:** | VC-VAPP-BK-DR | **Ip Address:** | 10.128.130.12 |
| **OS:** | Windows Server 2008 R2 Standard (Service Pack 1) | **Version:** | NA# |

**Description:**
NA#

## Running Service

| Service | Network Port | Description |
|---|---|---|
| loc-srv | 135 | |
| netbios-ssn | 139 | |
| microsoft-ds | 445 | |
| vnc | 5900 | |
| unknown | 49153 | |
| unknown | 49154 | |
| unknown | 49155 | |
| ftp | 21 | |
| unknown | 49152 | |
| unknown | 49157 | |

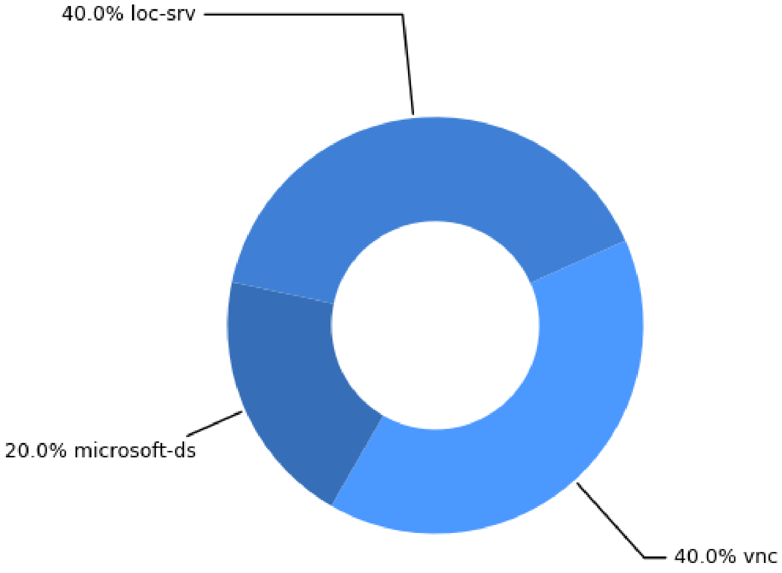
**Table 1:** Running Services of Host

# Vulnerabilities

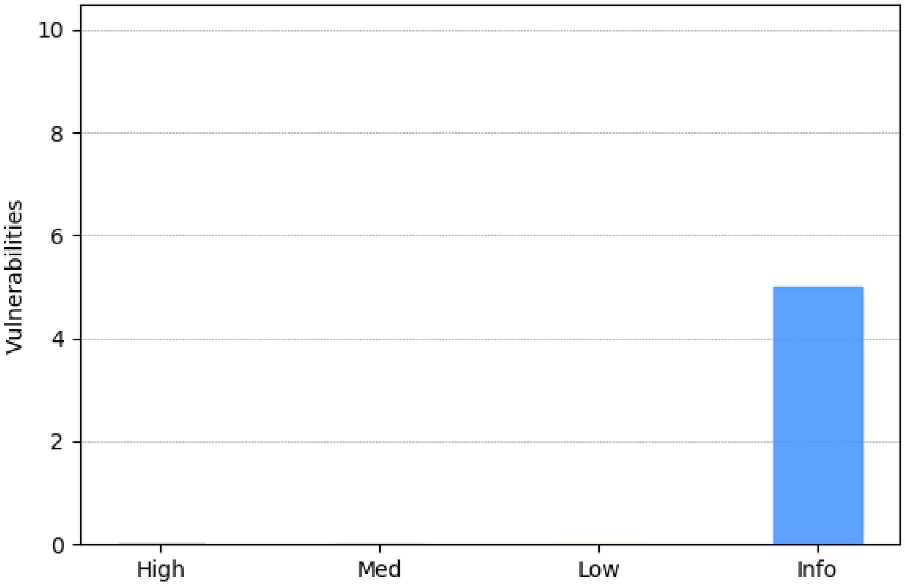
## Overview

In this section, this report contains overview information that includes statistics by running services (in graph-1) and current categorized vulnerabilities (in graph-2) into groups:

- **High Risk** - Exploitation of the vulnerability discovered on the system can directly lead to an attacker gaining privileged access (e.g. administrator, root) to the machine over a remote connection.
- **Medium Risk** - The vulnerability discovered on the system can directly lead to an attacker gaining non-privileged access (e.g. standard user) to the machine over a remote connection.
- **Low Risk** - The vulnerability discovered on the system provides enticement data to the attacker that may be used to launch a more informed attack against the target environment. In addition, the vulnerability may indirectly lead to an attacker gaining some form of access to the machine over a remote connection.
- **Informational Risk** - A finding on the system that provides data to an attacker that is of lesser value to an attacker than the enticement data provided by a low risk vulnerability.



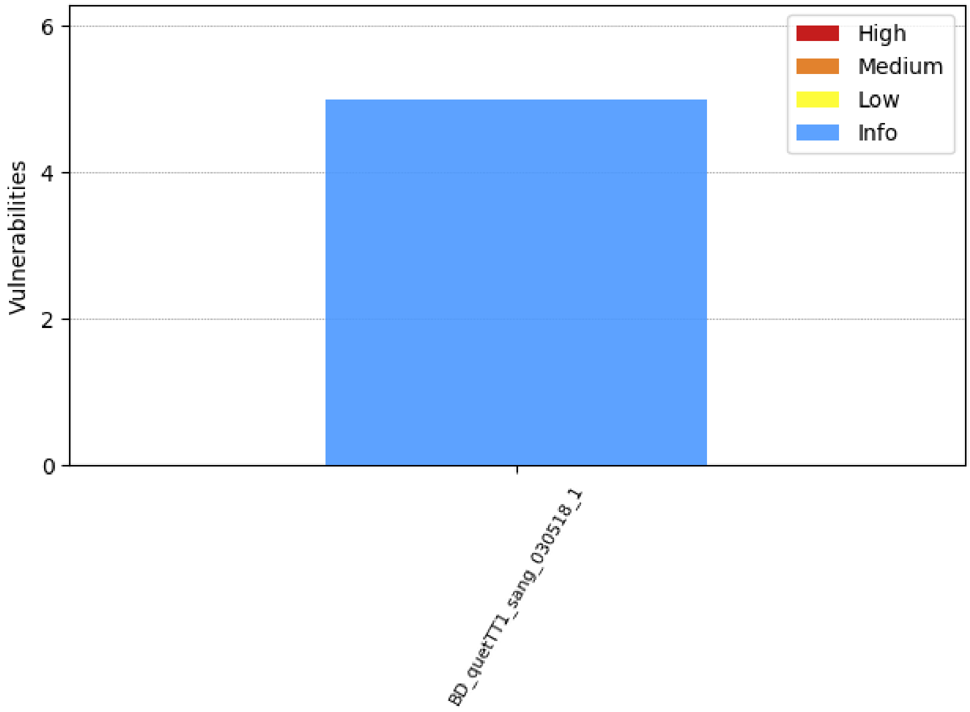
**Graph 1:** Vulnerabilities statistic by services



**Graph 2:** Current Vulnerabilities of Host

## Scan History

In this section, the report contains scan history of host. It includes scan frequency and brief information of involved scan tasks.



**Graph 3:** Scan History Statistic of Host

**Scan History:**

| Scan Task | Start Time | Finished Time | Vulnerabilities | | | |
|---|---|---|---|---|---|---|
| | | | High | Med | Low | Info |
| BD_quetTT1_sang_030518_1 | May 3, 2018, 4:30 a.m. | May 3, 2018, 5:38 a.m. | 0 | 0 | 0 | 5 |

**Table 2:** Scan History of Host

# Current Vulnerabilities In Detail

## Microsoft Remote Procedure Call Service Detected

| | | | |
|---|---|---|---|
| **Vulnerbility:** | | Microsoft Remote Procedure Call Service Detected | |
| **Level Risk:** | | 0.0 | |
| **Service:** | loc-srv | **CVE:** | - |

**Observation:**
Microsoft Remote Procedure Call Service (MSRPC) service is the DCE RPC mechanism implemented by Microsoft. It supports inheritance of interfaces, Unicode strings and implicit handles. Microsoft Remote Procedure Call Service was detected on the host.

**Recommendation:**
Ensure that MSRPC complies with organizational policy.

**Description:**
Microsoft Remote Procedure Call Service was detected on the host.

## NetBIOS Null Session Enabled

| | | | |
|---|---|---|---|
| **Vulnerbility:** | | NetBIOS Null Session Enabled | |
| **Level Risk:** | | 0.0 | |
| **Service:** | microsoft-ds | **CVE:** | - |

**Observation:**
A NetBIOS null session allows users to connect to a host remotely with no username and password and perform a limited set of administrative tasks. Null sessions allow the remote user to gather information such as: 1. List users 2. List groups 3. List shares (including hidden shares) 4. Policies (such as minimum password length, etc.) While the enumerated information is not an immediate risk, much of the information can be leveraged to launch an attack to gain user or administrative privilege. All steps should be taken to eliminate the vulnerability and/or reduce the information available to the attacker. This check only attempts to establish a NetBIOS null session with the host. It does not attempt to determine what information is accessible with the null session.

**Recommendation:**
Disable or restrict null session access to network shares. For Windows operating systems, the configuration steps may vary based on the type of operating system and Domain or Local Security policies. Contact the operating system vendor for hardening steps specific to the operating system and setup environment. For Unix Samba based server, make sure that samba's configuration parameter "guest ok" is set to "no" and set the "restrict anonymous" parameter. Workaround: Block access to TCP port 139 (NetBIOS) and TCP port 445 using a firewallNote: Blocking access for MVM to both TCP ports 139 and 445 will also block MVM's credential based scans. This should only be done if credential based scans are not needed.

**Description:**
NetBIOS Null sessions are enabled on the host.

## VNC Server Detected

| | | | |
|---|---|---|---|
| **Vulnerbility:** | | VNC Server Detected | |
| **Level Risk:** | | 0.0 | |
| **Service:** | vnc | **CVE:** | CVE-MAP-NOMATCH |

**Observation:**

An open VNC connection will allow an attacker to obtain sensitive information about the host and possibly gain access to the system.

**Recommendation:**

A VNC Server application was detected. The affected system should be examined to determine which VNC application is installed. Once determined, it should be removed unless being used for legitimate business purposes. To uninstall VNC for Windows NT/2000/XP: ----- To uninstall using the Add/Remove Programs control panel: 1. Go to the Start menu, select Settings and then Control Panel. 2. Double-click the Add/Remove Programs icon. 3. Select VNC. 4. Click the Add/Remove button.

**Description:**

A VNC server has been detected on the host.

## VNC Server Security Type Detected

| | | | |
|---|---|---|---|
| **Vulnerbility:** | | VNC Server Security Type Detected | |
| **Level Risk:** | | 0.0 | |
| **Service:** | vnc | **CVE:** | - |

**Observation:**

VNC server is used to interact with desktop applications across any network.A VNC server security type supported was detected on the host.

**Recommendation:**

Ensure that the VNC server complies with organizational policy.

**Description:**

A VNC server security type supported was detected on the host.

## LSASS RPC Interface Detected

| | | | |
|---|---|---|---|
| **Vulnerbility:** | | LSASS RPC Interface Detected | |
| **Level Risk:** | | 0.0 | |
| **Service:** | loc-srv | **CVE:** | - |

**Observation:**

LSASS RPC Interface Detected.

**Recommendation:**

It is recommended to block the following ports at the network perimeter: 135/TCP,UDP,137/UDP, 138/TCP,UDP, 139/TCP,UDP 445/TCP,UDP, 593/TCP, 1025/TCP, 1026/TCP.

**Description:**

LSASS RPC Interface Detected.