**Status checks**

Amazon EC2 performs automated checks on every running EC2 instance to identify hardware and software issues. You can view the results of these status checks to identify specific and detectable problems.

**System status checks**

This check verifies that your instance is reachable. Amazon EC2 tests that network packets can get to your instance.

If this check fails, there might be an issue with the infrastructure that is hosting your instance (such as AWS power, networking, or software systems). You can restart or replace the instance, wait for Amazon EC2’s systems to resolve the issue, or seek technical support.

This check does not validate that your operating system and applications are accepting traffic.

**Instance status checks**

This check verifies that your instance's operating system is accepting traffic.

If instance reachability fails, try one of the following to resolve it:

 Reboot the instance.

 Terminate the instance and launch a replacement.

 Get instance console output to diagnose why the instance is unreachable.

 Capture a screenshot of the unreachable instance, which provides visibility of the instance status, and allows for quicker troubleshooting.

 Connect to the instance’s serial console, which you can use to troubleshoot boot, network configuration, and other issues.