

# On-Premise Installation - Technology Requirements

This Document provides general information about the required hardware and software to setup a typical StoreDNA deployment. This document does not account for multiple server or high-availability environments.

## Hardware Requirements (minimum system requirements for a single server implementation):

Server/virtual machine roughly equivalent to AWS t2.large instance:

RAM: 8GB

vCPU: 2

Storage: 80GB SSD

## Software Requirements:

The following software, roles and/or features are required to be installed.

Operating System: Linux - Ubuntu 16.04 LTS or newer

## Network Requirements:

Open ports: 22 (ssh), 80 (http), 443 (https)

Server is located inside network behind client's firewall and can be accessed only by client's users.  
Server needs to have normal internet connection for installation of packages and during setup.  
StoreDNA engineer needs ssh (port 22) access to the machine at all times through a secure channel.

## Domain Requirements:

Depending on your deployment type you may be required to provision a domain name to resolve requests to the StoreDNA installation. You can use an IP address and hostname to resolve to a StoreDNA installation.

Most StoreDNA installations consist of a single account (domain).

Domain purchasing, registration, configuration and mapping to the appropriate servers is the responsibility of the client.

## SSL Certificate Requirements:

Similarly if SSL support is desired or required, it is the responsibility of the client to provision the appropriate certificates from authorized certificate authorities and apply them in collaboration with StoreDNA engineering team.

## Backup and disaster recovery requirements:

2 possible scenarios:

1) Client managed backups

The client is responsible for storing whole virtual image snapshots of the virtual machine containing the platform including the data. In case of disaster, these images must be accessible to StoreDNA engineers to restore the system.

2) StoreDNA managed backups

The client will provide an offsite backup server or a file storage service which StoreDNA engineers will have access to.

a) If a backup server is used it needs to meet these minimum requirements:

RAM: 1GB

vCPU: 1Storage: 80GB HDD

b) If a file storage service is used the client will provide instructions on how to use it.