

3. The Department of Homeland Security(DHS) has committed to 12 cloud service offerings, including nine private cloud offerings and three public cloud offerings, as part of its commitment to the White House's "Cloud First" policy. By moving its disparate dev and test systems into a private cloud, DHS anticipates being able to greatly accelerate the delivery of new software and services. Server provisioning time should decrease from six weeks to a day, and the service will include on-demand testing and app management. Your team is asked to submit a tech proposal to the department of homeland security for this cloud implementation project. Your submission should specifically respond to the context referred to in this prompt.

Summary:

So basically, the DHS wants to make things in their agency faster by putting both their dev and test environments together in a private cloud. This makes the delivery of new softwares and services MUCH faster.

We have to submit a tech proposal to the DHS in regards to their plan to move the dev and test systems into a private cloud.

- Weaknesses:
 - Not secure
 - Data can be lost in transit
 - Can be hacked more easily

Cybersecurity (<https://www.dhs.gov/topics/cybersecurity>)

- The practice of protecting systems, networks, and programs from digital attacks.
- DHS works to protect America from cyber attacks, prevent threats, protect borders, protect American cyberspace.
- DHS has different agency branches that have select roles. However, they also work in coordination with other agencies.

Resources:

<https://www.informationweek.com/cloud/homeland-security-plans-12-cloud-services>

<https://www.pandadoc.com/blog/how-to-write-a-technical-proposal/#:~:text=A%20technical%20proposal%20is%20a,complex%20product%20in%20simple%20terms>.

<https://www.gov.je/StayingSafe/BeSafeOnline/ProtectYourBusinessOnline/pages/10steps-to-cybersecurity.aspx>

<https://www.dhs.gov/science-and-technology/csd-cloud#:~:text=Private%20Clouds%20are%20clouds%20where,of%20cloud%20cannot%20be%20realized>.

https://www.dhs.gov/sites/default/files/publications/cybersecurity_in_a_cloud_future_zirring.pdf

<https://www.govtech.com/blogs/lohrmann-on-cybersecurity/cloud-first-policy--121910.html>

<https://www.techtarget.com/searchstorage/definition/cloud-testing>