

Forty Hadith on the importance of Knowledge, learning and Teaching.

Hadith # 17 The Prophet's care for Students

Whenever Abu d-Darda' saw the students, he used to say:

“Greetings to the seekers of Knowledge.”

And he said: **“The messenger of Allah (peace be upon him) urged people to take good care of you.”** (ad-Darimi, Sunan)

It has been narrated, that Abu Harun al-'Abdi and Shahr Ibn Hawshab said: Whenever we visited Abu Sa'id Al-Khudri, he used to say to us:

“Greeting to the recommendation of the Messenger of Allah.”

The Messenger of Allah peace be upon him said: **“You will conquer the land, and some people.”**

Hadith # 17 The Prophet's care for Students

second part

The Messenger of Allah peace be upon him said: **“You will conquer the land, and some people.”**

Or he said:

“Young men will come to you seeking knowledge, and comprehending religion, and learning from you: if they come to you, teach them, and be kind to them, and make space for them in your circle, and explain Hadith to them.”

Therefore, Abu Sa'id used to say to us: “Greeting to the Messenger of Allah's recommendation, the Messenger of Allah peace be upon him ordered us to make a space for you in our circles, and to explain Hadith to you.” (Ibn 'Abd al-Barr, Jami)

Data Protection Methods

Baseline

A baseline is a minimum level of protection that can be used as a reference point. As a reference point, baselines can therefore be used as a comparison for assessments and requirements to ensure that those minimum levels of security controls are always being achieved.

Baseline classification!!



Baseline classification continued!!

LOW:

- Access
 - Asset owner approved request, review, termination
- process
- Encryption
 - None
- Labelling
 - None
- Monitoring
 - None

Baseline classification continued!!

MEDIUM:

- Access
 - passwords
 - Asset owner approved request, review, termination process
- Encryption
 - 128 bit symmetric encryption for transmission
- Labeling
 - None
- Monitoring
 - Timely

Baseline classification continued!!

HIGH:

- Access
 - Strong passwords
 - Asset owner approved request, review, termination process
 - Non-disclosure agreement
- Encryption
 - 128 bit symmetric encryption for creation, storage, and transmission
- Labelling
 - Watermark
- Monitoring
 - Real-time

Baseline International Standards!

United States Government Configuration Baseline (USGCB)

- One such example of this approach can be found by examining the United States Government Configuration Baseline (USGCB). The purpose of the USGCB initiative is to create security configuration baselines for IT products widely deployed across the federal agencies. The USGCB baseline evolved from the Federal Desktop Core Configuration mandate. The USGCB is a federal government wide initiative that provides guidance to agencies on what should be done to improve and maintain an effective configuration settings focusing primarily on security.

Baseline GAP (Generally Accepted Principles)

- Information systems security objectives
- Prevent detect respond and recover
- Protection of information while being processed in transit and in storage
- External systems are assumed to be insecure
- Resilience for critical information systems
- Auditability and accountability

Scoping and tailoring

Scoping

- Scoping can be defined as limiting the general baseline recommendations by removing those that do not apply. We “scope” to ensure the baseline control applies to the environment as best as it can. Tailoring is defined as altering baseline control recommendations to apply more specifically. This means we “tailor” to make sure controls apply as required probably specifically to the technology or environment. To scope and tailor, a thorough understanding of the environment and risks is necessary.

Scoping and tailoring continued!!

Tailoring

- Tailoring involves scoping the assessment procedures to more closely match the characteristics of the information system and its environment of operation. The tailoring process gives enterprises the flexibility needed to avoid assessment approaches that are unnecessarily complex or costly while simultaneously meeting the assessment requirements established by applying the fundamental concepts of a risk management framework.

Standards and Frameworks Selection

- Payment Card Industry Data Security Standard (PCI DSS)
- International Organization for Standardization (ISO)
- General Data Protection Regulation (GDPR)
- National Institute of Standards and Technology (NIST)
- European Network and Information Security Agency (ENISA)
- International Telecommunications Union (ITU)