

Linux Core Features

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DAY 2

Evaluation n' such

Order of Evaluation (1)

1. ALIASES
2. Parameter expansion, command substitution, arithmetic expansion, and quote removal before being assigned to the variable
3. Redirection (`|| ; &&`)
4. Shell FUNCTION
5. BUILTIN command (echo, etc)
6. HASH tables
7. PATH variable
8. If everything fails, you see command not found error message.

Order of Evaluation (2)

Demos

- Type
- Hash
- Which

Order of Evaluation (3)

Demos

- Aliases
- BASH Arithmetic Evaluation
- Shell Function
- Redirection
- History

Situational Awareness

Demos

- Local networking enumeration
- Local netfilter rules enumeration
- Local process enumeration
- Local logging/auditing
- Local access control

Boolean Logic Refresher

A	B	AND	OR	XOR	NOT A
TRUE	TRUE	TRUE	TRUE	FALSE	FALSE
TRUE	FALSE	FALSE	TRUE	TRUE	
FALSE	TRUE	FALSE	TRUE	TRUE	TRUE
FALSE	FALSE	FALSE	FALSE	FALSE	

Boolean Logic for Linux

Demo

Linux Command Research

Demos

- **Man**
- **Apropos**
- **Help**
- **Which**

Linux File Research

Demos

- File
- Locate