

*Follow this guide for a primer on  
Enterprise Assets*



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My mission is to help you (and I) grow and learn, every day! My favicons include:

- ✓ Auditing of financial and IT systems
- ✓ Cloud awareness
- ✓ Cybersecurity
- ✓ CISA



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# Why bother?

## Cyber security starts with data!

### Need proof? Swipe left



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# CIS Critical Security Controls v8

<b>CONTROL 01</b> Inventory and Control of Enterprise Assets 5 Safeguards   01 2/5   02 4/5   03 5/5	<b>CONTROL 02</b> Inventory and Control of Software Assets 7 Safeguards   01 3/7   02 6/7   03 7/7	<b>CONTROL 03</b> Data Protection 14 Safeguards   01 6/14   02 12/14   03 14/14
<b>CONTROL 04</b> Secure Configuration of Enterprise Assets and Software 12 Safeguards   01 7/12   02 11/12   03 12/12	<b>CONTROL 05</b> Account Management 6 Safeguards   01 4/6   02 6/6   03 6/6	<b>CONTROL 06</b> Access Control Management 8 Safeguards   01 5/8   02 7/8   03 8/8
<b>CONTROL 07</b> Continuous Vulnerability Management 7 Safeguards   01 4/7   02 7/7   03 7/7	<b>CONTROL 08</b> Audit Log Management 12 Safeguards   01 3/12   02 11/12   03 12/12	<b>CONTROL 09</b> Email and Web Browser Protections 7 Safeguards   01 2/7   02 6/7   03 7/7
<b>CONTROL 10</b> Malware Defenses 7 Safeguards   01 3/7   02 7/7   03 7/7	<b>CONTROL 11</b> Data Recovery 5 Safeguards   01 4/5   02 5/5   03 5/5	<b>CONTROL 12</b> Network Infrastructure Management 8 Safeguards   01 1/8   02 7/8   03 8/8
<b>CONTROL 13</b> Network Monitoring and Defense 11 Safeguards   01 0/11   02 6/11   03 11/11	<b>CONTROL 14</b> Security Awareness and Skills Training 9 Safeguards   01 8/9   02 9/9   03 9/9	<b>CONTROL 15</b> Service Provider Management 7 Safeguards   01 1/7   02 4/7   03 7/7
<b>CONTROL 16</b> Applications Software Security 14 Safeguards   01 0/14   02 11/14   03 14/14	<b>CONTROL 17</b> Incident Response Management 9 Safeguards   01 3/9   02 8/9   03 9/9	<b>CONTROL 18</b> Penetration Testing 5 Safeguards   01 0/5   02 3/5   03 5/5



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CONTROL

01

# Inventory and Control of Enterprise Assets

5

Safeguards

IG1

2/5

IG2

4/5

IG3

5/5

A

Establish and maintain an accurate, detailed, and up-to-date inventory of all enterprise assets



in

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# B

## What comprises Enterprise Assets?

- ✓ End-user devices (including portable and mobile),
- ✓ Network devices,
- ✓ Non-computing/ IoT devices
- ✓ Servers
- ✓ Demo systems
- ✓ Temporary test environments
- ✓ Guest IDs & networks



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C

How to identify these assets?

Here's the lowdown – There is NO single source of truth. You'll have to crowdsource it!

Reason: not all are installed / managed by your organizational IT department.



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# Potential sources for identifying Enterprise Assets:

- ✓ Active Directory;
- ✓ Single Sign-On systems;
- ✓ MFA systems;
- ✓ VPNs;
- ✓ Intrusion Detection Systems;
- ✓ Mobile Device Management (especially for those devices that come in and disappear often);
- ✓ Local inventory lists;
- ✓ Discovery scan (active pings);
- ✓ Anti-malware logs;
- ✓ Network logs from switches



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valuable ideas, information & inputs to  
you.

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*Thank you!*



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