

Open Horizon project Agent Working Group Meeting

April 5, 2021



 THE **LINUX** FOUNDATION

 **LF** EDGE

Meeting Details

April 5, 2021 (@ 11:30am ET/8:30am PT)

Meeting Info: <https://zoom.us/j/94980775985?pwd=clk0bFhwVU5SNVFLa1JUWHZZNTRDQT09>

Meeting ID: 949 8077 5985

One tap mobile

+13462487799,,94980775985# US (Houston)

+16699006833,,94980775985# US (San Jose)

Dial by your location

+1 346 248 7799 US (Houston)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

+1 312 626 6799 US (Chicago)

+1 929 205 6099 US (New York)

+1 301 715 8592 US (Germantown)

888 788 0099 US Toll-free

877 853 5247 US Toll-free

Meeting ID: 949 8077 5985

Find your local number: <https://zoom.us/u/av0XQgb3W>

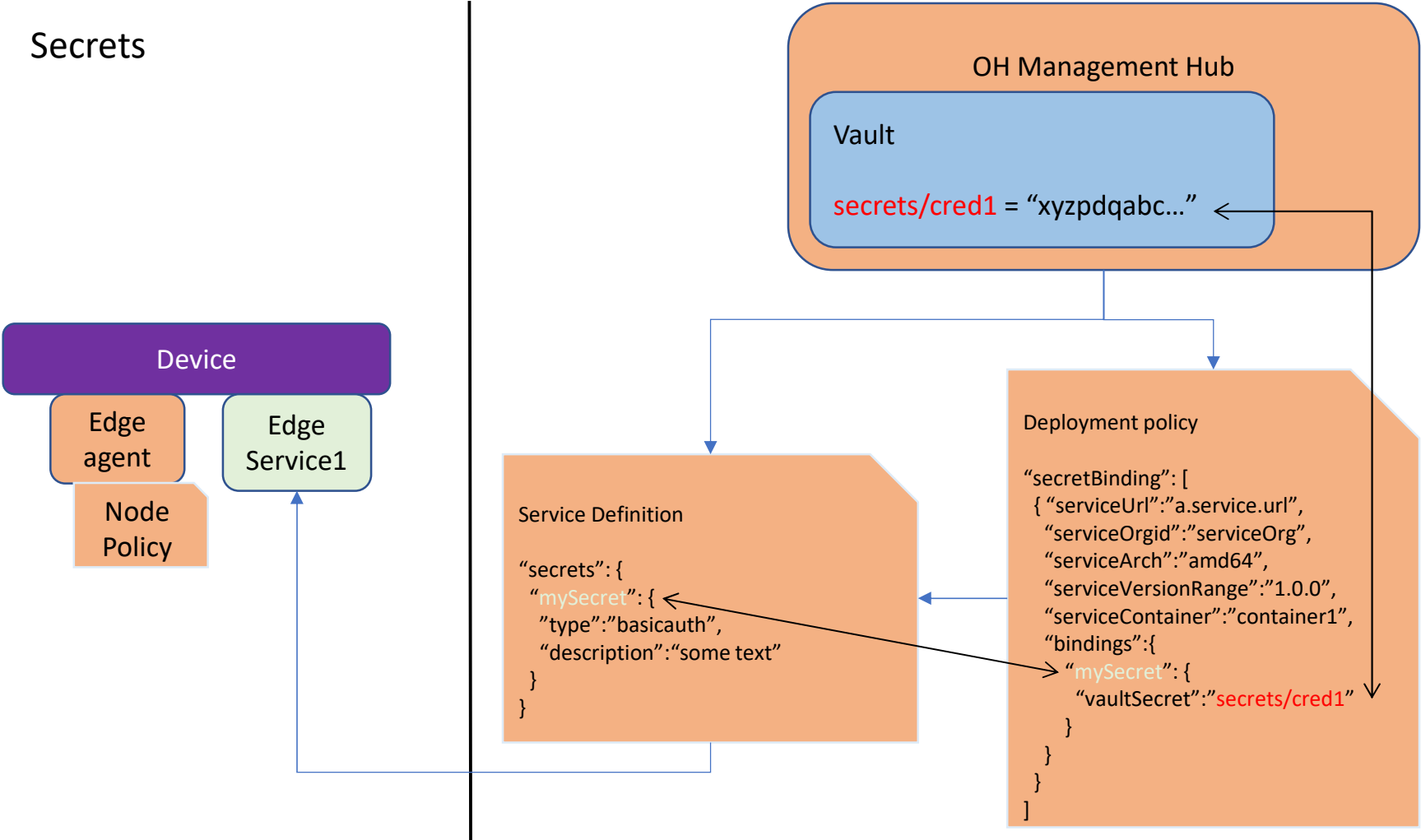
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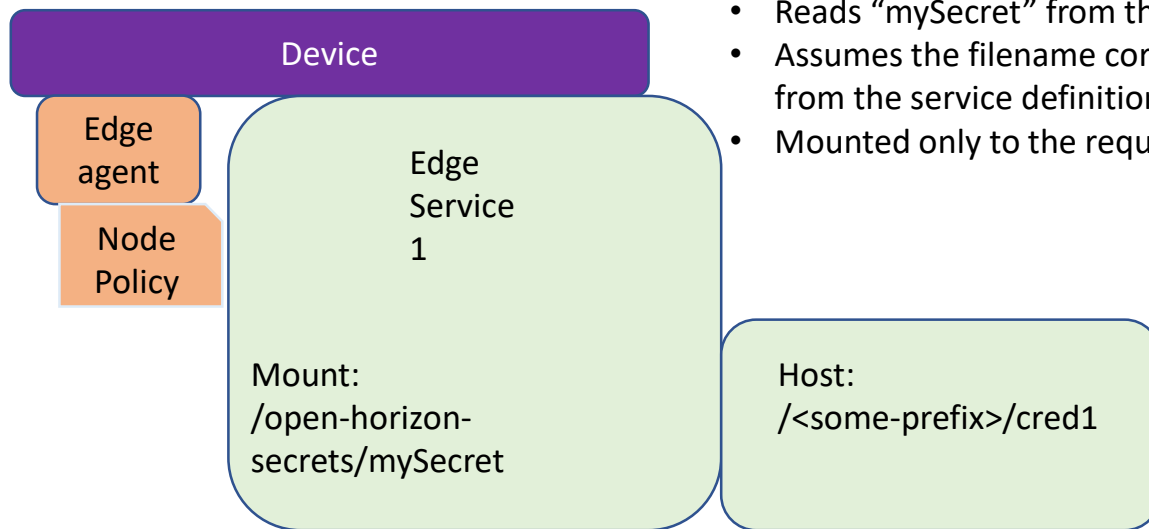
Topics

1. Welcome and Introductions for any new attendees
2. Overview of Secure Service Credentials Design
3. Zenhub issue status
 1. In-progress Issues
 2. Outstanding PRs
4. Next Meeting

Secrets



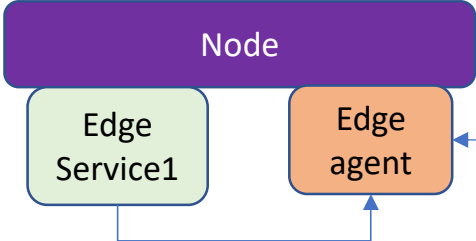
Secrets



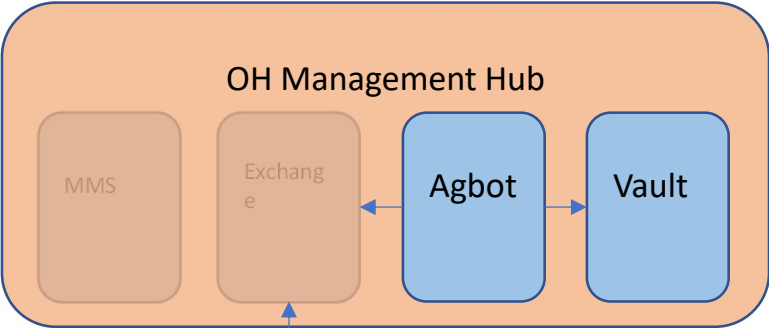
Application:

- Reads “mySecret” from the mounted file system
- Assumes the filename corresponds to the secret name from the service definition
- Mounted only to the required container(s)

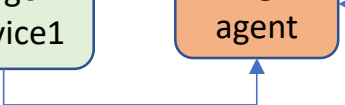
Secrets



Poll for updates



Agreement Protocol: Secret details



Highlights

- OH secure control plane used to transport secrets to the edge
- Secrets stored securely on the edge by the OH agent
- Secrets provided to the application at well known mount point
- Agbot discovers secret updates and “pushes” updated secrets to the edge
 - No need to cancel and recreate an agreement
- Application receives secret updates by polling for them
- Agbot is the only consumer of the Vault API in OH
- Vault API not exposed to applications or agents

Next Meeting

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Next Meeting

- › Next Meeting: Monday, April 19 @ 8:30am PT/11:30am ET

Thank You

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