

Feature Design Proposals

The following are design proposals for new features and feature enhancements.

Title	Date Proposed	State (Proposed, In Review, Accepted, In Process, Completed)	Approved by
Next generation storage architecture	15 Feb 2021	Approved	Approved by consensus on LFEEdge-EVE TSC mailing list 02/25 /2020/2021
Controlling application start/stop using a profile concept	14 May 2021	Proposed	
/conf as R/O filesystem	29 Jun 2020	Proposed	
Tasks subsystem	22 Jun 2020	Proposed	
Controller Address Changes - Permanent and Temporary			
Debugging APIs			
ECO Connectivity Failover and Improved Policy Control			
Encrypting Sensitive Information at Rest at the Edge			
EVE device logging redesign goals			
Moving Datastore Configuration Handling to Downloader			
NodeAgent: EVE node health monitor module			
Providing Access to TPM from Edge Containers			
Secure Storage of Sensitive Information on EVE			
Security APIs			
Static Root FS UUID as GPT Partition UUID			
Docker Image Tags Handling, Image SHA usage in EVE			
EVE debug enhancements	11 Mar 2020	Proposed	
Eve Fit and Finish items	25 March		
Eve Volume Manager	2020-04-07	Implemented	
Volume (and Content) device API	2020-04-21	Proposed	
Measured Boot And Remote Attestation	2020-06-01	Approved	Approved by consensus in LFEEdge-EVE TSC, on 06/27/2020 https://lists.lfedge.org/g/eve-tsc/topic/consensus_to_approve/75047899
New /persist layout for volumes etc	2020-06-16	Proposed	
Performance benchmark structure	2020-11-24		
Epoch-based reporting	2020-12-07	Proposed	
K3S flat network in EVE	2021-01-27	Proposed	
Bridge Manager	2021-02-09	Proposed	
Metadata service	2021-03-09	Proposed	
Support For Retrying BaseOs Upgrade	2021-04-13	Proposed	
Discovery of not onboarded Eve devices	2021-04-29	Proposed	
Local Data Store with ZeroConfig	2021-06-01	Proposed	
Network Instance VRFs	2021-07-08	Proposed	
Downloading KubeConfig from K3S Cluster Instance	2021-07-21	Proposed	