What is claimed is:

1. A computer-implemented method, comprising:

determining a network topology that includes devices within a mesh network, the mesh network comprising at least a first group of devices and a second group of devices;

determining that a first device is associated with the first group, a second device is associated with the first group, and a third device is associated with the second group,

wherein:

determining that the first device is associated with the first group comprises determining that the first device is attached to a first transformer,

determining that the second device is associated with the first group comprises determining that the second device is attached to the first transformer, and

determining that the third device is associated with the second group comprises determining that the third device is attached to a second transformer; and

performing a first asymmetric authentication for the first device based at least in part on determining that the first device is associated with the first group, the first asymmetric authentication comprising:

requesting a certificate from one or more other devices of the first group;

receiving the certificate at the first device from the second device from among the one or more other devices of the first group, the third device acting as a bridge device between the first device and the second device and between the first group and the second group; and

authenticating the second device based at least in part on the certificate;

using the bridge device as a proxy to transmit messages between the first device and the second device;

detecting a change to the first group, and

in response to detecting the change, updating the first group of devices, wherein updating the first group of devices includes at least one of adding one or more new devices or removing one or more existing devices from the first group.

2. The computer-implemented method of claim 1, further comprising associating a first group identifier (ID) with the first device and the one or more other devices of the first group.

3. The computer-implemented method of claim 1, further comprising:

determining the bridge device between a first neighbor device of the bridge device and a second neighbor device of the bridge device based, at least in part, on a first message wirelessly transmitted by the first neighbor device and a second message wirelessly transmitted by the second neighbor device; and

using the bridge device to act as a proxy to transmit messages between the first neighbor device and the second neighbor device.

4. The computer-implemented method of claim 3, wherein determining the bridge device comprises determining that the first message has a same time stamp value as the second message.

5. The computer-implemented method of claim 1, further comprising:

periodically determining the at least one of the devices associated with the first group; and

periodically determining the at least one of the devices associated with the second group.

6. The computer-implemented method of claim 1, wherein the first device is communicatively disconnected from at least the second device within the first group.

7. A system, comprising:

devices coupled to a mesh network;

one or more processors; and

one or more computer-readable media storing computer-executable instructions that, when executed, cause the one or more processors of a device to perform operations comprising:

determining that a first device within the mesh network is associated with a first group, a second device is associated with the first group, and a third device is associated with a second group, wherein:

determining that the first device is associated with the first group comprises determining that the first device is attached to a first transformer,

determining that the second device is associated with the first group comprises determining that the second device is attached to the first transformer, and

determining that the third device is associated with the second group comprises determining that the third device is attached to a second transformer; and

at least partly in response to determining that the first device is associated with the first group, performing a first asymmetric authentication for the first device, the first asymmetric authentication comprising:

requesting a certificate from one or more other devices of the first group;

receiving the certificate at the first device from the second device from among the one or more other devices of the first group, the third device acting as a bridge device between the first device and the second device and between the first group and the second group; and

authenticating the second device based at least in part on the certificate;

using the bridge device as a proxy to transmit messages between the first device and the second device;

detecting a change to the first group, and

in response to detecting the change, updating the first group of devices, wherein updating the first group of devices includes at least one of adding one or more new devices or removing one or more existing devices from the first group.

8. The system of claim 7, the operations further comprising discovering the devices, wherein the devices include one or more meters connected to one of at least two transformers within the mesh network.

9. The system of claim 7, the operations further comprising associating a first group identifier (ID) with the first device and the one or more other devices of the first group.

10. The system of claim 7, the operations further comprising:

determining the bridge device between a first neighbor device of the bridge device and a second neighbor device of the bridge device based, at least in part, on a first message wirelessly transmitted by the first neighbor device and a second message wirelessly transmitted by the second neighbor device, and

using the bridge device to act as a proxy to transmit messages between the first neighbor device and the second neighbor device in the mesh network.

11. The system of claim 10, wherein determining the bridge device comprises determining that the first message has a same time stamp value as the second message.

12. The system of claim 7, the operations further comprising:

periodically determining the at least one of the devices associated with the first group; and

periodically determining the at least one of the devices associated with the second group.

13. The system of claim 7, wherein the first device is communicatively disconnected from at least the second device within the first group.

14. A proxy device, comprising:

a communication interface operable to communicate with other devices within a mesh network;

one or more processors; and

one or more computer-readable media storing computer-executable instructions that, when executed, cause the one or more processors of a device to perform operations comprising:

determining that a first device is a member of a first group, a second device is a member of the first group, and the proxy device is associated with a second group, wherein:

determining that the first device is associated with the first group comprises determining that the first device is attached to a first transformer,

determining that the second device is associated with the first group comprises determining that the second device is attached to the first transformer, and

determining that the proxy device is associated with the second group comprises determining that the proxy device is attached to a second transformer; and

at least partly in response to determining that the device is the member of the first group, performing asymmetric authentication comprising:

requesting a certificate from one or more other devices of the first group;

receiving the certificate at the device from the second device from among the one or more other devices of the first group, the proxy device acting as a bridge device between the first device and the second device and between the first group and the second group, the proxy device being used to transmit messages between the first device and the second device; and

authenticating the second device based at least in part on the certificate;

detecting a change to the first group, and

in response to detecting the change, updating the first group of devices, wherein updating the first group of devices includes at least one of adding one or more new devices or removing one or more existing devices from the first group.

15. The device of claim 14, the operations further comprising acting as a proxy to transmit messages between a first neighbor device and a second neighbor device in the mesh network.

16. The device of claim 15, the operations further comprising:

determining that the first neighbor device and the second neighbor device are associated with the second group; and

acting as the proxy to transmit the messages between the first neighbor device and the second neighbor device in the mesh network.

17. The device of claim 16, wherein determining that the first neighbor device and the second neighbor device are associated with the second group comprises determining that a first message received from the first neighbor device has a same time stamp value as a second message received from the second neighbor device.

18. The device of claim 14, wherein the first device is communicatively disconnected from at least the second device within the first group.

19. A non-transitory computer-readable medium storing instructions that, when executed, causes a processor to perform operations, comprising:

determining a network topology that includes devices within a mesh network, the mesh network comprising at least a first group of devices and a second group of devices;

determining that a first device is associated with the first group, a second device is associated with the first group, and a third device is associated with the second group, wherein

determining that the first device is associated with the first group comprises determining that the first device is attached to a first transformer,

determining that the second device is associated with the first group comprises determining that the second device is attached to the first transformer, and

determining that the third device is associated with the second group comprises determining that the third device is attached to a second transformer; and

performing a first asymmetric authentication for the first device based at least in part on determining that the first device is associated with the first group, the first asymmetric authentication comprising:

requesting a certificate from one or more other devices of the first group; receiving the certificate at the first device from the second device from among the one or more other devices of the first group, the third device acting as a bridge device between the first device and the second device and between the first group and the second group; and

authenticating the second device based at least in part on the certificate;

using the bridge device as a proxy to transmit messages between the first device and the second device;

detecting a change to the first group, and

in response to detecting the change, updating the first group of devices, wherein updating the first group of devices includes at least one of adding one or more new devices or removing one or more existing devices from the first group.