

Enhanced Zero Trust Implementation – a novel approach for effective network policy management and compliance tracking

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Abstract

The Zero Trust network architecture is an embodiment of the Zero Trust security model, and is progressively being utilized for the improvement of security standards of the current security infrastructures. Fine-grained access control is one of the primary principles of developing zero trust solutions, in which it is expected to manage an overwhelming amount of security policies. Managing the compliance of policies at fine grain level is thus necessary for utmost security stature. This paper aims at developing a novel approach to improve the task of policy management workflow and compliance tracking.

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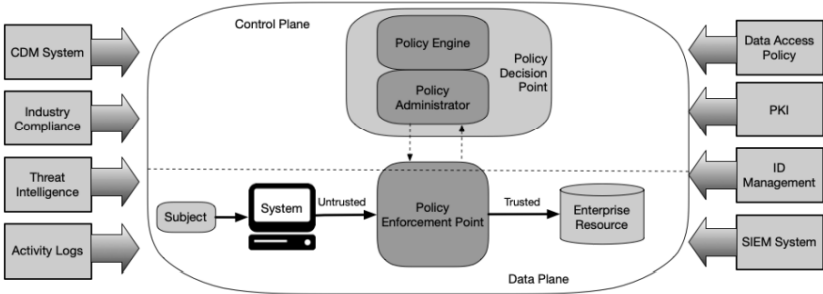
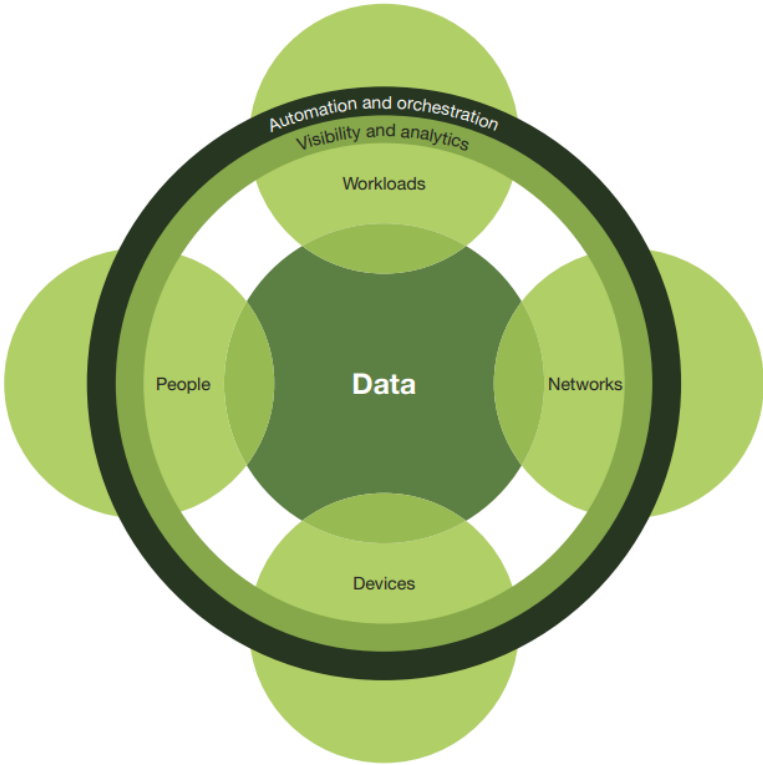


Figure 2: Core Zero Trust Logical Components

