

# The future of Access and Identity Management (IAM), a field that is extremely important on the Internet

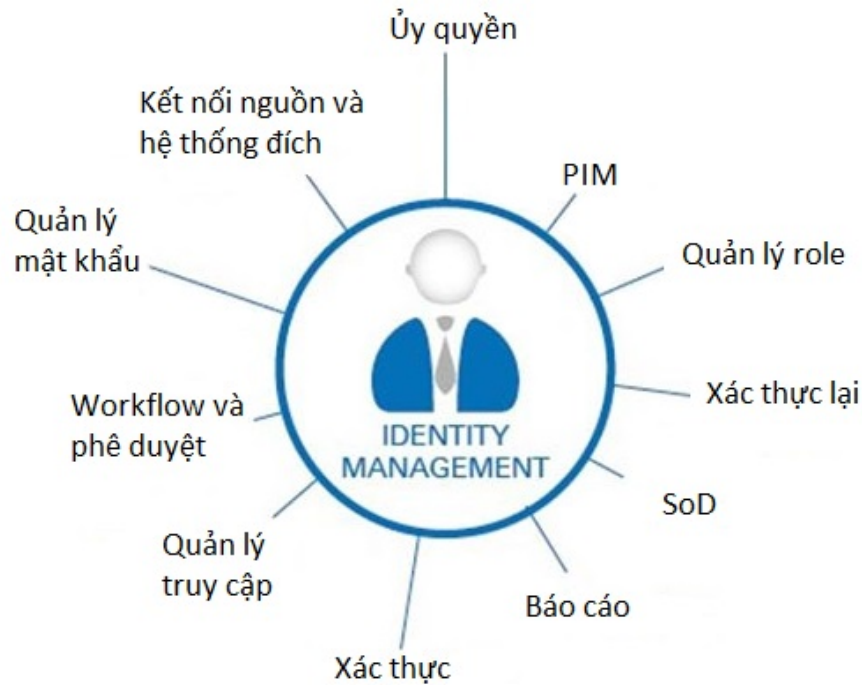
Access and identity management will continue to have timely and correct transformations suitable to the practical situation.

We are in 2020, the threshold of the 4.0 revolution, of the globalized internet world. In many ways, technology is radically changing the whole of human life from every aspect in a more modern and comfortable direction.

Of course, technology does not always bring good things, such as the raging of malware, online theft or online fraud. However, there are still noticeable bright spots. In particular, the field of Access Management and Identity (Identity and Access Management - IAM) did not make us disappointed to catch up and respond well to the overall development of the online world, helping mankind not too Passive by the impact from malicious acts on cyberspace.

Access and identification management (IAM), is a policy and technology framework to ensure that appropriate individuals in a network have corresponding access to technology resources. IAM systems are under the umbrella of information technology (IT) security and data management.

From this fact, experts believe that the IAM field will continue to make timely and correct changes suitable to the practical situation. Here are 3 predictions about IAM's vision for 2020 and many years to come.



## Single sign-on will become popular

Single sign-on - Single sign-on is an attribute in access control of many related software systems that operate independently. With this property, users log in with a unique ID and password to gain access to any of the related systems.

The bloom of Single sign-on will have a great impact on the IAM field in the near future. The emergence of SAML, OAuth 2.0, OpenID and other protocols will help significantly reduce the number of accounts and login information needed, thereby contributing to limiting the risk of identity theft. You will only need to use your Google or Facebook account to verify your identity on the internet - extremely convenient.

This requires effort from both businesses and consumers. And when Single sign-on becomes popular, it will lead to great development potential for cloud platforms.

## The ability to take advantage of identity data more effectively

Along with the rise of IT resource connectivity protocols, the ability to use identity data will also be improved. We will see how the information circulated in the above mentioned protocols can be effectively utilized.

The identity data is circulated to help the process of creating an account and configuring access to take place immediately. Improved continuous integration will give administrators and system administrators more detailed control over the initial setup, operations management, and deactivation. At the same time, systems and applications will use a combination of identity data more effectively to simplify the process of enforcing a given user right in that resource.

## Multi-factor authentication (MFA) will appear in every login process

MFA has been and will become an integral part of enterprise networks and consumer applications that handle personal, sensitive data such as finance, healthcare . We have talked a lot about The need to use passwords strong enough, but human-originated mistakes still exist.

The addition of MFA will immediately significantly increase the security of authentication attempts by requiring users to enter a valid temporary pin or verify their identity using other methods.

Universal OTP applications, such as Google Authenticator, both increase security and make it easier to apply MFA policies via pin code over time. Universal OTP will also eliminate the requirement for every single resource to support its own MFA method.

The PIN will be gradually replaced by push notifications containing a simple verification form in the form of 'yes' or 'no'. One tap of a screen is all it takes to keep your login information secure.

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