11) References

Amazon Web Services Inc. (2019a) Amazon Web Services (AWS) - Cloud Computing Services. [Online] Available: https://aws.amazon.com/ [Accessed 23 August 2019]

Amazon Web Services Inc. (2019b) AWS IoT Greengrass [Online] Available: https://aws.amazon.com/greengrass/ [Accessed 01 September 2019]

Atzori, L., Iera, A. and Morabito, G. (2010) The internet of things: A survey. Computer networks. Vo.54(15), pp.2787-2805.

Botta, A., De Donato, W., Persico, V. and Pescapé, A. (2016) Integration of cloud computing and internet of things: a survey. Future generation computer systems. Vol.56, pp.684-700.

Dignan, L. (2019) Top cloud providers 2019: AWS, Microsoft Azure, Google Cloud; IBM makes hybrid move; Salesforce dominates SaaS. [Online] 15 August. Available: https://www.zdnet.com/article/top-cloud-providers-2019-aws-microsoft-azure-google-cloud-ibm-makes-hybrid-move-salesforce-dominates-saas/ [Accessed 04 September 2019]

Đorđević, B.S., Jovanović, S.P. and Timčenko, V.V. (2014) Cloud Computing in Amazon and Microsoft Azure platforms: Performance and service comparison. 22nd Telecommunications Forum Telfor, IEEE, pp.931-934.

Fleisch, E., Weinberger, M. and Wortmann, F. (2015) Business models and the internet of things. In: Žarko, I.P., Pripužić, K. and Serrano, M. (eds.) Interoperability and Open-Source Solutions for the Internet of Things. Switzerland: Springer International Publishing, pp.6-10.

GitHub Inc. (2019a) Azure_Sphere_POC_UWS_B00338415 research project. [Online] Available: https://github.com/wastman/Azure_Sphere_POC_UWS_B00338415 [Accessed 9 September 2019]

GitHub Inc. (2019b) Azure_Sphere_POC_UWS_B00338415.sln. [Online] Available: https://github.com/wastman/Azure_Sphere_POC_UWS_B00338415/blob/master/Samples/Azure_Sphere_POC_UWS_B00338415/Azure_Sphere_POC_UWS_B00338415.sln [Accessed 9 September 2019]

GitHub Inc. (2019c) Samples for Azure Sphere. [Online] Available: https://github.com/Azure/azure-sphere-samples [Accessed 9 September 2019]

GitHub Inc. (2019d) C library, Azure Sphere, MT3620 Grove Shield, I2C, Analog, SC18IM700, AD7992, Visual Studio 2017. [Online] Available: https://github.com/Seeed-Studio/MT3620_Grove_Shield [Accessed 9 September 2019]

GitHub Inc. (2019e) Azure_Sphere_POC_UWS_B00338415/main.c at master · wastman/Azure_Sphere_POC_UWS_B00338415. [Online] Available: https://github.com/wastman/Azure_Sphere_POC_UWS_B00338415/blob/master/Samples/Azure_Sphere_POC_UWS_B00338415/AzureIoT/main.c [Accessed 9 September 2019]

IfM Bonn (2019a) SME-definition of IfM Bonn. [Online] Available: https://en.ifm-bonn.org/definitions/sme-definition-of-ifm-bonn/ [Accessed 10 May 2019]

IfM Bonn (2019b) Family enterprises as defined by IfM Bonn. [Online] Available: https://en.ifm-bonn.org/definitions/family-enterprises-as-defined-by-ifm-bonn/ [Accessed 10 May 2019]

IfM Bonn (2019c) Definition "Deutscher Mittelstand". [Online] Available: https://en.ifm-bonn.org/definitions/definition-deutscher-mittelstand/ [Accessed 10 May 2019]

Islam, M.M. and AlGeddawy, T. (2018) The Industrial Internet of Things models, challenges and opportunities in sustainable manufacturing. In: Ng, E-H, Nepal, B., Schott, E. and Keathley, H. (eds.) Proceedings of the International Annual Conference of the American Society for Engineering Management (ASEM), sine loco, pp.1-10.

Krotov, V. (2017) The Internet of Things and new business opportunities. Business Horizons. Vol.60(6), pp.831-841.

Lee, I. and Lee, K. (2015) The Internet of Things (IoT): Applications, investments, and challenges for enterprises. Business Horizons. Vol.58(4), pp.431-440.

Mahdavinejad, M.S., Rezvan, M., Barekatain, M., Adibi, P., Barnaghi, P. and Sheth, A.P. (2018) Machine learning for Internet of Things data analysis: A survey. Digital Communications and Networks. Vol.4(3), pp.161-175.

MediaTek Co. (2019) MT3620 [Online] Available: https://www.mediatek.com/products/azureSphere/mt3620 [Accessed 25 August 2019]

Metha, R., Sahni, J. and Khanna K. (2018) Internet of Things: Vision, Applications and Challenges. Procedia Computer Science. Vol.132, pp.1263-1269.

Microsoft Corp. (2019a) Microsoft Azure Cloud Computing Platform & Services. [Online] Available: https://azure.microsoft.com/en-us/ [Accessed 23 August 2019]

Microsoft Corp. (2019b) Diagnose and troubleshoot disconnects with Azure IoT Hub | Microsoft Docs. [Online] Available: https://docs.microsoft.com/en-us/azure/iot-hub/iot-hub-troubleshoot-connectivity [Accessed 23 August 2019]

Microsoft Corp. (2019c) Understand Azure IoT Hub quotas and throttling | Microsoft Docs. [Online] Available: https://docs.microsoft.com/en-us/azure/iot-hub/iot-hub-devguide-quotas-throttling [Accessed 23 August 2019]

Microsoft Corp. (2019d) Azure virtual machine network throughput | Microsoft Docs. [Online] Available: https://docs.microsoft.com/en-us/azure/virtual-network/virtual-machine-network-throughput [Accessed 23 August 2019]

Microsoft Corp. (2019e) Microsoft Privacy Statement – Microsoft privacy. [Online] Available: https://privacy.microsoft.com/en-us/privacystatement [Accessed 23 August 2019]

Microsoft Corp. (2019f) Licensing Terms | Microsoft Volume Licensing. [Online] Available: https://www.microsoft.com/en-us/licensing/product-licensing/products#OST [Accessed 23 August 2019]

Microsoft Corp. (2019g) Azure Sphere OS networking requirements | Microsoft Docs. [Online] Available: https://docs.microsoft.com/en-us/azure-sphere/network/ports-protocols-domains [Accessed 23 August 2019]

Microsoft Corp. (2019h) [Copy data to or from Azure Cosmos DB (SQL API) by using Data Factory | Microsoft Docs. [Online] Available: https://docs.microsoft.com/en-us/azure/data-factory/connector-azure-cosmos-db [Accessed 23 August 2019]

Microsoft Corp. (2019i) What is Azure Sphere | Microsoft Docs. [Online] Available: https://docs.microsoft.com/en-us/azure-sphere/product-overview/what-is-azure-sphere [Accessed 19 August 2019]

Microsoft Corp. (2019j) Set up your device and install the Azure Sphere SDK | Microsoft Docs. [Online] Available: https://docs.microsoft.com/en-us/azure-sphere/install/install [Accessed 19 August 2019]

Microsoft Corp. (2019k) Update the OS - Azure Sphere | Microsoft Docs. [Online] Available: https://docs.microsoft.com/en-us/azure-sphere/install/install-os [Accessed 20 August 2019]

Microsoft Corp. (2019l) Claim your device - Azure Sphere | Microsoft Docs. [Online] Available: https://docs.microsoft.com/en-us/azure-sphere/install/claim-device [Accessed 20 August 2019]

Microsoft Corp. (2019m) Create an Azure Sphere tenant | Microsoft Docs. [Online] Available: https://docs.microsoft.com/en-us/azure-sphere/install/create-tenant [Accessed 21 August 2019]

Microsoft Corp. (2019n) Configure networking - Azure Sphere | Microsoft Docs. [Online] Available: https://docs.microsoft.com/en-us/azure-sphere/install/configure-wifi [Accessed 21 August 2019]

Microsoft Corp. (2019o) Build a real-time capable application quickstart- Azure Sphere | Microsoft Docs. [Online] Available: https://docs.microsoft.com/en-us/azure-sphere/quickstarts/qs-real-time-application [Accessed 23 August 2019]

Microsoft Corp. (2019p) azure-sphere-samples/IoTCentral.md at master · Azure/azure-sphere-samples · GitHub. [Online] Available: https://github.com/Azure/azure-sphere-samples/blob/master/Samples/AzureIoT/IoTCentral.md [Accessed 23 August 2019]

Microsoft Corp. (2019q) Set up Azure IoT Central to work with Azure Sphere | Microsoft Docs. [Online] Available: https://docs.microsoft.com/en-us/azure-sphere/app-development/setup-iot-central [Accessed 24 August 2019]

Microsoft Corp. (2019r) Azure Sphere OS feeds - Azure Sphere | Microsoft Docs. [Online] Available: https://docs.microsoft.com/en-us/azure-sphere/deployment/deployment-microsoft-feeds [Accessed 24 August 2019]

Microsoft Corp. (2019s) Deploy your first application quickstart - Azure Sphere | Microsoft Docs. [Online] Available: https://docs.microsoft.com/en-us/azure-sphere/quickstarts/qs-first-deployment [Accessed 26 August 2019]

Microsoft Corp. (2019t) Azure Sphere | Microsoft Azure. [Online] Available: https://azure.microsoft.com/en-us/services/azure-sphere/ [Accessed 10 August 2019]

Mineraud, J., Mazhelis, O., Su, X. and Tarkoma, S. (2016) A gap analysis of Internet-of-Things platforms. Computer Communications. Vol.89, pp.5-16.

Patel, K.K. and Patel, S.M. (2016) Internet of things - IOT: definition, characteristics, architecture, enabling technologies, application & future challenges. International Journal of Engineering Science and Computing. Vol. 6(5).

Ray, P.P. (2016) A survey of IoT cloud platforms. Future Computing and Informatics Journal. Vol.1(1-2), pp.35-46.

Sfar, A.R., Natalizio, E., Challal, Y. and Chtourou, Z. (2018) A roadmap for security challenges in the Internet of Things. Digital Communications and Networks. Vol.4(2), pp.118-137.

Singh, K.J. and Kapoor, D.S. (2017) Create Your Own Internet of Things: A survey of IoT platforms. IEEE Consumer Electronics Magazine. Vol.6(2), pp.57-68

Singh, S. and Singh, N. (2015) Internet of Things (IoT): Security challenges, business opportunities & reference architecture for E-commerce. International Conference on Green Computing and Internet of Things. Noida, India, 8-10 October. IEEE, pp.1577-1581.

Stalcup, K. (2019) AWS vs Azure vs Google Cloud Market Share 2019: What the Latest Data Shows. [Online] 30 April. Available: https://www.parkmycloud.com/blog/aws-vs-azure-vs-google-cloud-market-share/ [Accessed 01 September 2019]