



Modernize in place with IBM and Red Hat

When organizations think about application modernization, they often imagine a wholesale transformation involving infrastructure, business processes and IT skills. In reality, however, organizations that have invested in standards-based, future-looking IT systems can modernize their business applications without changing their underlying infrastructure or skillsets. The industry refers to this as modernizing in place.

For **IBM Power®** users, this is good news, because they don't have to sacrifice the reliability, security and performance of their mission-critical systems to take advantage of the cloud, containers or automation. IBM Power servers are designed to support the applications of tomorrow, today — and can easily scale to take advantage of new performance capabilities with no business disruption. This is especially true for Red Hat® applications. Red Hat Enterprise Linux® (RHEL) and Red Hat OpenShift® work exceptionally well with IBM Power servers, whether you bought your servers three years ago or plan to add more three months from now.

Open hybrid cloud on IBM Power opens more possibilities

Red Hat OpenShift is the hybrid cloud, enterprise Kubernetes platform of choice for thousands of companies. With its open-source Kubernetes implementation, Red Hat OpenShift opens your business to the benefits of hybrid cloud computing. You can easily deploy and manage cloud-native applications in your private cloud, on your existing IBM Power platforms and in public cloud environments such as IBM Cloud®, AWS, Azure and Google, too. Because Red Hat OpenShift abstracts the hardware layer, the container interfaces remain the same regardless of the underlying infrastructure.

Adding technologies such as Red Hat Enterprise Linux, Red Hat OpenShift and Red Hat Ansible® Automation Platform to your enterprise without migrating your infrastructure allows enterprises to effectively modernize in place. And Red Hat OpenShift's container-based platform leads to a host of new efficiencies, from faster application development cycles to better customer experiences. Why spend time, money and resources on modernizing your infrastructure when you don't have to?

IBM Power: Performance you can bank on

For years, you've heard about the cloud and commodity-based servers. But that's not the only path to the future. As enterprises look to deliver the personalized, responsive, mobile experiences that millennials expect — from their banks, their clothing brands and everything in between — enabling that transformation in a timely manner is critical. Traditional banks, for example, can't wait years to compete with the digital banking boom. They need to launch new mobile apps and digital services quickly, which often means partnering with third-party providers to bring new services to market, such as rapid mortgage processing and enhanced shopping experiences. At the same time, banks need to ensure compliance and partner securely, which means maintaining the secure systems that manage their mission-critical applications and sensitive data today. The solution? Red Hat running on IBM Power.

By adding RHEL, Red Hat OpenShift and Ansible Automation Platform to their existing infrastructure, banks can begin delivering next-generation services on the secure server platforms that already run their core business. Use cases for this modernization include real-time payment systems, open banking and pricing/risk analysis. Bringing these applications into the cloud opens the door for new features such as machine learning and artificial intelligence that can enhance the user experience and generate new insights into consumer wants and behavior.

The present is the future

IBM Power servers are built for reliability, security, scalability and performance, features you'll still want in the future. You don't need to replace your infrastructure if you want to modernize your applications; you already have a great foundation for a cloud-native architecture with IBM Power and Red Hat. Enterprise Kubernetes, container-based microservices, hybrid cloud deployments, infrastructure automation — it's all within your reach right now.

With IBM and Red Hat, the future is an open road. Begin a new chapter of clouds, containers and enterprise Kubernetes today without leaving behind the hardware you know and trust. To learn more about what lies ahead, read the white paper “Unlock the possibilities of IBM Power with Red Hat.”

[Read the white paper](#)

