

Malware Analysis



What is Malware?

The term Malware is used to describe any malicious software – any software that exhibits malicious behavior. This includes things like viruses, worms, Trojans, and Spyware. While many software programs contain bugs, these are not intentional. Malware is actually programmed to behave in a malicious way.

Why Does My Environment Need Malware Analysis?

Getting attacked by Malware is almost inevitable. When it occurs, you have to be prepared to understand what it will do to your environment. Then you must know the steps necessary to take action against it. Those actions can effectively stop an emerging attack, saving you thousands or even millions of dollars in lost productivity and downtime. The Malware Analysis component of EOR's Janus Service is essential to thwarting emerging Malware attacks at the earliest possible point.

The EOR Malware Analysis Methodology

EOR's Malware Analysis begins with our exclusive patent-pending Malware Analysis & Rating System (MARS). This patent-pending process rates malicious code based upon both its general damage as well as its specific affect on each of our customers' environments. Once assessed, the EOR software package then takes into account business continuity and recovery, as well as the potential impact of future incidents. We also model incident information across all customers, regardless of where the incident actually occurred, to ensure we can prevent or mitigate a similar experience for every customer. EOR Malware Analysis examines Malware through the following six stages:

1. Creating a controlled environment
2. Base lining the environment
3. Information collection
4. Information analysis
5. Reconstructing the big picture
6. Documenting the results

As part of the EOR Janus Service, Malware Analysis provides the essential elements of prevention, assessment, and mitigation across all customers to ensure that each has a customized, complete solution using a proven combination of industry best practices, patented tools, and user expertise. Only EOR can offer this exclusive service as part of an overall program of total digital protection.

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