**MEDIUM: Potentially Unsafe Code - memcpy**

Line: 107 - C:\Users\Jeremy\Downloads\ext\_mcrypt.cpp

Function appears in Microsoft's banned function list. Can facilitate buffer overflow conditions and other memory mis-management situations.

memcpy(key\_s, key.data(), use\_key\_length);

**MEDIUM: Potentially Unsafe Code - memcpy**

Line: 111 - C:\Users\Jeremy\Downloads\ext\_mcrypt.cpp

Function appears in Microsoft's banned function list. Can facilitate buffer overflow conditions and other memory mis-management situations.

memcpy(key\_s, key.data(), MIN(key.size(), key\_length\_sizes[0]));

**MEDIUM: Potentially Unsafe Code - memcpy**

Line: 123 - C:\Users\Jeremy\Downloads\ext\_mcrypt.cpp

Function appears in Microsoft's banned function list. Can facilitate buffer overflow conditions and other memory mis-management situations.

memcpy(key\_s, key.data(), MIN(key.size(), use\_key\_length));

**MEDIUM: Potentially Unsafe Code - memcpy**

Line: 139 - C:\Users\Jeremy\Downloads\ext\_mcrypt.cpp

Function appears in Microsoft's banned function list. Can facilitate buffer overflow conditions and other memory mis-management situations.

memcpy(iv\_s, iv.data(), iv\_size);

**MEDIUM: Potentially Unsafe Code - memcpy**

Line: 160 - C:\Users\Jeremy\Downloads\ext\_mcrypt.cpp

Function appears in Microsoft's banned function list. Can facilitate buffer overflow conditions and other memory mis-management situations.

memcpy(data\_s, data.data(), data.size());

**MEDIUM: Potentially Unsafe Code - memcpy**

Line: 165 - C:\Users\Jeremy\Downloads\ext\_mcrypt.cpp

Function appears in Microsoft's banned function list. Can facilitate buffer overflow conditions and other memory mis-management situations.

memcpy(data\_s, data.data(), data.size());

**MEDIUM: Potentially Unsafe Code - memcpy**

Line: 213 - C:\Users\Jeremy\Downloads\ext\_mcrypt.cpp

Function appears in Microsoft's banned function list. Can facilitate buffer overflow conditions and other memory mis-management situations.

memcpy(data\_s, data.data(), data.size());

**MEDIUM: Potentially Unsafe Code - memcpy**

Line: 218 - C:\Users\Jeremy\Downloads\ext\_mcrypt.cpp

Function appears in Microsoft's banned function list. Can facilitate buffer overflow conditions and other memory mis-management situations.

memcpy(data\_s, data.data(), data.size());

**MEDIUM: Potentially Unsafe Code - memcpy**

Line: 590 - C:\Users\Jeremy\Downloads\ext\_mcrypt.cpp

Function appears in Microsoft's banned function list. Can facilitate buffer overflow conditions and other memory mis-management situations.

memcpy(key\_s, key.data(), key.size());

**MEDIUM: Potentially Unsafe Code - memcpy**

Line: 596 - C:\Users\Jeremy\Downloads\ext\_mcrypt.cpp

Function appears in Microsoft's banned function list. Can facilitate buffer overflow conditions and other memory mis-management situations.

memcpy(iv\_s, iv.data(), iv\_size);

**STANDARD: Potential Memory Mis-management. Variable Name: key\_sizes**

2 free

Multiple frees detected. Check code paths manually to ensure that variables cannot be freed more than once.

The use of malloc() and free() functions in C++ code is not recommended and can result in errors that would otherwise have been avoided with new and delete.

Line: 545 FileName: C:\Users\Jeremy\Downloads\ext\_mcrypt.cpp

**STANDARD: Potential Memory Mis-management. Variable Name: iv**

2 free

Multiple frees detected. Check code paths manually to ensure that variables cannot be freed more than once.

The use of malloc() and free() functions in C++ code is not recommended and can result in errors that would otherwise have been avoided with new and delete.

Line: 545 FileName: C:\Users\Jeremy\Downloads\ext\_mcrypt.cpp

2 free

Multiple frees detected. Check code paths manually to ensure that variables cannot be freed more than once.

The use of malloc() and free() functions in C++ code is not recommended and can result in errors that would otherwise have been avoided with new and delete.

Line: 373 FileName: C:\Users\Jeremy\Downloads\ext\_mcrypt.cpp

**STANDARD: Potential Memory Mis-management. Variable Name: name**

2 free

Multiple frees detected. Check code paths manually to ensure that variables cannot be freed more than once.

The use of malloc() and free() functions in C++ code is not recommended and can result in errors that would otherwise have been avoided with new and delete.

Line: 545 FileName: C:\Users\Jeremy\Downloads\ext\_mcrypt.cpp

2 free

Multiple frees detected. Check code paths manually to ensure that variables cannot be freed more than once.

The use of malloc() and free() functions in C++ code is not recommended and can result in errors that would otherwise have been avoided with new and delete.

Line: 373 FileName: C:\Users\Jeremy\Downloads\ext\_mcrypt.cpp

2 free

Multiple frees detected. Check code paths manually to ensure that variables cannot be freed more than once.

The use of malloc() and free() functions in C++ code is not recommended and can result in errors that would otherwise have been avoided with new and delete.

Line: 532 FileName: C:\Users\Jeremy\Downloads\ext\_mcrypt.cpp